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Mercedes-AMG Supplement

Mercedes-Benz



## Publication details

### Internet

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

<http://www.mbusa.com> (USA only)

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### Documentation team

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### Vehicle manufacturer

Daimler AG

Mercedesstrasse 137

70327 Stuttgart

Germany

## Welcome to the world of Mercedes-AMG

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

Vehicle damage resulting from the disregard of the instructions is not covered by the Mercedes-Benz Limited Warranty.

The equipment or model designation of your vehicle may vary according to:

- Model
- Order
- National version
- Availability

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

- Design
- Equipment
- Technical features

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

The following are integral parts of the vehicle:

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

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

Mercedes-Benz USA, LLC

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

**⚠ DANGER** Danger due to not observing the warning notices

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

▶ Observe the warning notices.

**🌿 ENVIRONMENTAL NOTE** Environmental damage due to failure to observe environmental notes

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

▶ Observe environmental notes.

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

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

▶ Observe notes on material damage.

**i** Useful instructions or further information that could be helpful to you.

▶ Instruction

( → page) Further information on a topic

**Display** Information on the multifunction display/media display



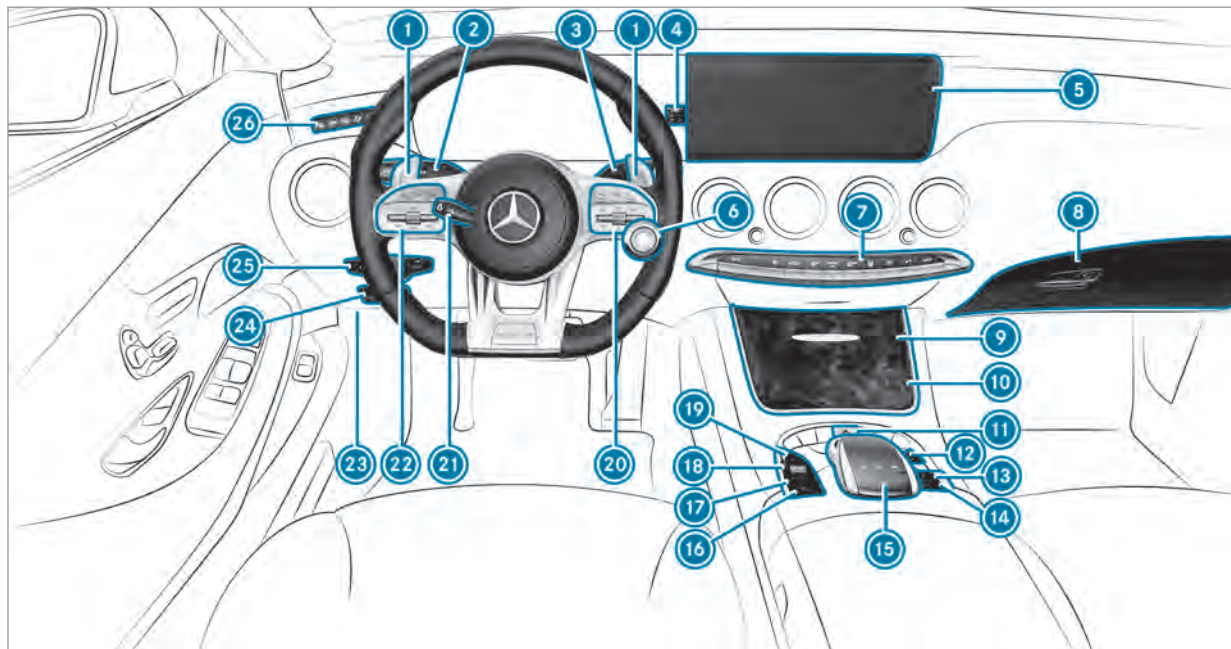
Highest menu level, which is to be selected in the multimedia system



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

\*

Marks a cause



Coupe display

①	Steering wheel paddle shifter	→	13	⑭	AMG Performance exhaust system (Mercedes-AMG S 63 4MATIC+ only)	→	12
②	Combination switch			⑮	Control elements for the multimedia system		
③	DIRECT SELECT lever			⑯	Activates/deactivates ESP®	→	15
④	PASSENGER AIRBAG indicator lamps			⑰	Manual gearshifting (permanent setting)	→	13
⑤	Display (multimedia system)			⑱	DYNAMIC SELECT switch		
⑥	Start/stop button			⑲	ECO start/stop function		
⑦	Climate control systems			⑳	Control panel for the multimedia system		
⑧	Glove box			㉑	Adjusts the steering wheel		
⑨	Stowage compartment			㉒	Control panel for:		
⑩	Cup holder				On-board computer		
⑪	Hazard warning lights				Operates cruise control		
⑫	Active Parking Assist				Operates Active Distance Assist DISTRONIC		
⑬	AMG adaptive sport suspension system with air suspension (Mercedes-AMG S 63 4MATIC+ and S 65 Convertible only)	→	19	㉓	Unlocks the hood		
	Hydropneumatic suspension (Mercedes-AMG S 65 Coupe only)	→	22	㉔	Electric parking brake		
				㉕	Light switch		
				㉖	Control panel for:		

Active Steering Assist

Active Lane Keeping Assist

Parking Assist PARKTRONIC

Night View Assist

Head-up Display

Sets the vehicle level



## Operator's Manual

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

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

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

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

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

## Operating safety

**⚠ WARNING** Risk of accident due to malfunctions or system failures

If you do not have the prescribed service/maintenance work or any required repairs carried out, this could result in malfunctions or system failures.

- ▶ Always have the prescribed service/maintenance work as well any required repairs carried out at a qualified specialist workshop.

**⚠ WARNING** Risk of accident or injury due to incorrect modification of electronic components and parts

Modification to electronic components, their software or wiring could impair their function and/or the function of other networked component parts. In particular, systems relevant to safety could also be affected.

As a result, these may no longer function properly and/or jeopardize the operating safety of the vehicle.

- ▶ Never tamper with the vehicle's wiring, electronic components or software.
- ▶ You should have all work on electrical and electronic components carried out at a qualified specialist workshop.

**⚠ WARNING** Risk of fire due to flammable materials on hot parts of the exhaust system

Flammable material such as leaves, grass or twigs may ignite if they come into contact with hot parts of the exhaust system.

- ▶ When driving on unpaved roads or off-road, regularly check the vehicle underside.
- ▶ Remove trapped plants or other flammable material.
- ▶ If there is damage, consult a qualified specialist workshop immediately.

#### **!** NOTE Damage to the vehicle

In the following situations, in particular, there is a risk of damage to the vehicle:

- The vehicle becomes grounded, e.g. on a high curb or an unpaved road
- The vehicle is driven too fast over an obstacle, e.g. a curb, speed bump or pothole
- A heavy object strikes the underbody or chassis components

In situations such as this, the body, the underbody, chassis components, wheels or tires could be damaged without the damage being visible. Components damaged in this

way can unexpectedly fail or, in the case of an accident, may not absorb the loads that arise as intended.

If the underbody paneling is damaged, flammable materials such as leaves, grass or twigs can collect between the underbody and the underbody paneling. These materials may ignite if they come into contact with hot parts on the exhaust system.

- ▶ Have the vehicle checked and repaired immediately at a qualified specialist workshop.

or

- ▶ If driving safety is impaired while continuing your journey, pull over and stop the vehicle immediately in accordance with the traffic conditions, and contact a qualified specialist workshop.

#### **Qualified specialist workshop**

An authorized Mercedes-Benz Center is a qualified specialist workshop. It has the necessary special skills, tools and qualifications to cor-

rectly carry out the work required on your vehicle. This particularly applies to safety-relevant works.

For the following, always have your vehicle checked at an authorized Mercedes-Benz Center:

- safety-relevant works
- service and maintenance work
- repair work
- modifications as well as installations and conversions
- work on electronic components

Mercedes-AMG recommends a Mercedes-Benz service center.

#### **Correct use of the vehicle**

If you remove any warning stickers, you or others could fail to recognize certain dangers. Leave warning stickers in position.

Observe the following information in particular when driving your vehicle:

- the safety notes in this manual

- technical data for the vehicle
- traffic rules and regulations
- laws and safety standards pertaining to motor vehicles

### Limited Warranty

**!** **NOTE** Damage to the vehicle arising from violation of these operating instructions.

Damage to the vehicle can arise from violation of these operating instructions.

This damage is not covered either by the Mercedes-Benz implied warranty or by the New- or Used-Vehicle Warranty.

▶ Follow the instructions in these operating instructions on proper operation of your vehicle as well as on possible vehicle damage.

### Reduced protection

The AMG sport seat is 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.

### Function of the seat belt extender

The seat belt extender for the front seat helps you fasten your seat belt. When the door is closed, the seat belt extender extends.

The seat belt extender retracts again in the following cases:

- the seat belt tongue is engaged in the seat belt buckle
- The seat belt tongue is not engaged in the seat belt buckle within 60 seconds
- The respective door is opened
- You fold the seat backrest forwards
- Nobody is sitting in the front passenger seat

The seat belt extender must always be retracted while the vehicle is in motion.

## Driving

### Breaking-in notes

To preserve the engine during the first 1000 miles (1500 km):

- drive at varying road speeds and engine speeds.
- do not drive faster than 87 mph (140 km/h).
- only briefly allow the engine to reach a maximum engine speed of 4500 rpm (4500 rpm).
- drive the vehicle in drive program **C**.
- change gear before the tachometer needle is  $\frac{2}{3}$  of the way to the red area of the tachometer.
- do not shift down a gear manually in order to brake.
- avoid overstraining the vehicle, e.g. driving at full throttle.
- do not depress the accelerator pedal past the pressure point (kickdown).
- only increase the engine speed gradually and accelerate the vehicle to full speed after 1000 miles (1500 km).

This also applies when the engine or parts of the drivetrain have been replaced.

Please also observe the following breaking-in notes:

- in certain driving and driving safety systems, the sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered or after repairs. Full system effectiveness is not reached until the end of this teach-in process.
- brakepads, brake discs and tires that are either new or have been replaced only achieve optimum braking effect and grip after several hundred kilometers of driving. Compensate for the reduced braking effect by applying greater force to the brake pedal.

### Operation of the ECO start/stop function

The engine is automatically switched off if the following conditions are met:

- you brake the vehicle to a standstill in transmission position **D** or **N**.

- if all vehicle conditions for an automatic engine stop are met.

The **A** symbol appears in the multifunction display when the vehicle is stationary.

The engine is restarted automatically if:

- you release the brake pedal in transmission position **D** when the HOLD function is not active.
- you shift from transmission position **P**.
- you engage transmission position **D** or **R**.
- you depress the accelerator pedal.
- you permanently activate manual gearshifting.
- you pull the left-hand steering wheel paddle shifter.
- you change the vehicle level.
- an automatic engine start is necessary.

If the engine was switched off by the ECO start/stop function and you leave the vehicle, a warning tone sounds. The [Vehicle Operational Switch the Ignition Off Before Exiting](#) display message also appears in the multifunction display. If you

do not switch off the ignition, the ignition is automatically switched off after one minute.

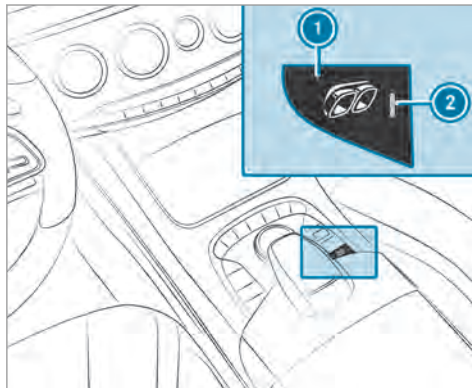
### AMG Performance adjustable exhaust system

#### Function of the AMG Performance exhaust system

The AMG Performance exhaust system is only available for the Mercedes-AMG S 63 4MATIC+ model.

Changing the position of the exhaust gas flap allows you to select the volume of the AMG Performance exhaust system.

### Operating the AMG Performance exhaust system



- ▶ Press button ①.  
If indicator lamp ② lights up, the loudest setting is selected.

### Notes for the AMG high-performance brake system and the AMG ceramic high-performance composite brake system

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

The noise depends on the following factors:


- Speed
- Brake force
- Environmental conditions, e.g. temperature and air humidity

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

### DYNAMIC SELECT switch

#### Function of the DYNAMIC SELECT switch

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

-  (Individual): individual settings

- **C** (**Comfort**): comfortable and economical driving style
- **S** (**Sport**): sporty driving style
- **S+** (**Sport Plus**): particularly sporty driving style
- **Mercedes-AMG S 65 Coupe**: **CV** (**CURVE**): comfortable driving with curve inclination function
- **Mercedes-AMG S 63 4MATIC+**: **RACE**: driving like on a race track

**i** Drive program **RACE** may not be used on normal roads. Drive program **RACE** may only be activated and used on dedicated race circuits, not on public roads.

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

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

- Drive (engine management)
- Transmission management
- ESP®

- Suspension
- **Mercedes-AMG S 63 4MATIC+**: position of the exhaust gas flaps
- Steering
- Availability of the ECO start/stop function
- Driver assistance systems
- **Mercedes-AMG S 63 4MATIC+**: availability of glide mode
- **Mercedes-AMG S 63 4MATIC+**: 4MATIC+

**i** You can also change the following vehicle characteristics using the buttons in the center console:

- **Mercedes-AMG S 63 4MATIC+**: position of the exhaust gas flaps
- ECO start/stop function
- ESP®
- Suspension
- Manual gearshifting

## Displaying dynamic data

Multimedia system:

→ Vehicle ►  DYNAMIC SELECT

► Select Dyn. Data.

Dynamic data is displayed, e.g.:

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

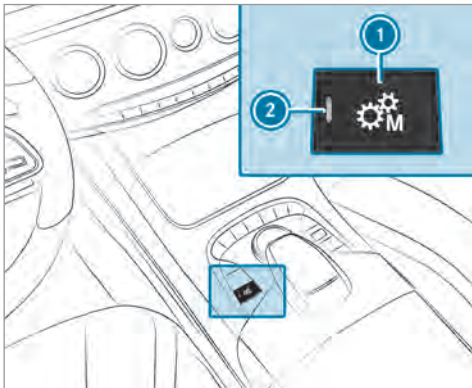
## Automatic transmission

### Manual gearshifting


**⚠ WARNING** Risk of skidding and of an accident due to shifting down on slippery road surfaces

If you shift down on slippery road surfaces to increase the engine braking effect, the drive wheels may lose traction.

- ▶ Do not shift down on slippery road surfaces to increase the engine braking effect.



- ▶ **To activate/deactivate:** press button ①. If indicator lamp ② is lit, manual gearshifting is activated. The current gear is displayed in the multifunction display.

- ① To permanently shift the gears manually in drive program  using the steering wheel paddle shifters, select the **M** (Manual) setting for the transmission.

**!** **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.

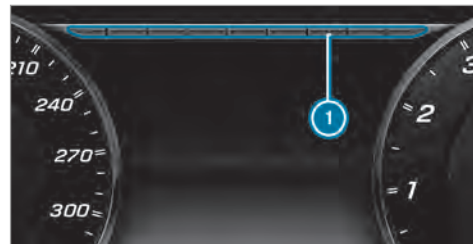
The fuel supply is interrupted in order to prevent the engine from overrevving.

- ▶ 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 becomes too high or too low, you cannot change gear using the steering wheel paddle shifters. In this case, segments ① light up red.

### Gearshift recommendation

The gearshift recommendation assists you in adopting an economical driving style.





- ▶ If gearshift recommendation message ① is shown on the multifunction display, shift to the recommended gear.
- ① Gearshift recommendation is active only if you have activated manual gearshifting with the button on the center console.

### Using kickdown

- ▶ **Maximum acceleration:** depress the accelerator pedal beyond the pressure point.
- ① If you have activated manual gearshifting with the button in the center console, the transmission does not react to the kickdown.

During kickdown, you cannot change gears using the steering wheel paddle shifters. The automatic transmission shifts up to the next gear when the maximum engine speed is reached to protect the engine from overrevving.

### Driving and driving safety systems

#### Function of ESP® (Electronic Stability Program)

**⚠ WARNING** Risk of skidding if ESP® is malfunctioning

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

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

You can select between the following modes of ESP®:

- ESP® on

- SPORT handling mode on
- ESP® off

#### Characteristics when ESP® is activated


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

- When pulling away on wet or slippery roadway.
- When braking.
- In strong sidewinds when you are driving faster than 43 mph (70 km/h).

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

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

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

ESP® is intervening if the ESP®  warning lamp flashes in the instrument cluster:

- Do not deactivate ESP®.
- Only depress the accelerator pedal as far as is necessary.
- Adapt your driving style to suit the current road and weather conditions.

### Characteristics of activated SPORT handling mode


**⚠ WARNING** Risk of skidding due to incorrect application of SPORT handling mode

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

- ▶ Only activate SPORT handling mode in the circumstances described as follows.

Select SPORT handling mode when the vehicle's own oversteering and understeering characteristics are desired, for example when driving on specially designated roads.

Only a highly qualified and experienced driver should drive in SPORT handling mode or with ESP® deactivated.

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

If SPORT handling mode is activated:


- ESP® only improves driving stability to a limited degree.
- ETS/4ETS traction control is still active.
- The engine's torque is only restricted to a limited degree and the drive wheels can spin. The spinning of the wheels results in a cutting action for better traction on loose surfaces.
- ESP® continues to provide assistance when the brakes are firmly applied.

### 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.

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


- Driving stability will no longer be improved.
  - Crosswind Assist is no longer active.
  - The drive wheels could spin.
  - ETS/4ETS traction control is still active.
- i** Even when ESP® is deactivated, you are still assisted by ESP® when braking hard.

In the following situations, it may be better to activate SPORT handling mode or deactivate ESP®:

- When using snow chains.

- In deep snow.
- On sand or gravel.

- ① Spinning the wheels results in a cutting action which provides better grip.
- ① Activate ESP® as soon as the situations described above no longer apply. ESP® will otherwise not be able to stabilize the vehicle if the vehicle starts to skid or a wheel starts to spin.

If the  ESP® warning lamp lights up continuously, ESP® is not available due to a malfunction. Observe any information which may be displayed in the instrument cluster:

- Warning and indicator lamps
- Display messages

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

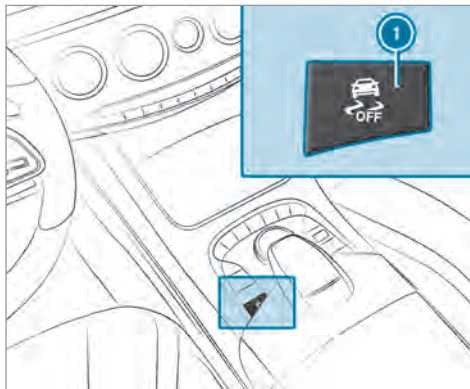
ETS/4ETS traction control is part of ESP®.

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


- The drive wheels are braked individually if they spin.

- More drive torque is transferred to the wheel or wheels with traction.


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







- ▶ **To activate SPORT handling mode:** briefly press button ①.

The  SPORT handling mode warning lamp in the instrument cluster lights up. The **SPORT handling mode** message appears on the multifunction display.

- ▶ **To deactivate SPORT handling mode:** briefly press button ①.

The  SPORT handling mode warning lamp in the instrument cluster goes out.

- ▶ **To deactivate ESP®:** press button ① until the  ESP® OFF warning lamp lights up in the instrument cluster. The  OFF message appears on the multifunction display.

- ▶ **To activate ESP®:** briefly press button ①. The  ESP® OFF warning lamp in the instrument cluster goes out. The  OFF message appears on the multifunction display.

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

## RACE START

### Function of RACE START

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

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

- ❗ RACE START is only available after the vehicle has been broken in (→ page 11).
- ❗ RACE START may not be used on normal roads. RACE START must only be activated and used on dedicated race circuits, not on public roads.  
Be sure to read the safety notes and information on ESP® (→ page 15).

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


When you use RACE START, individual wheels could spin and you could lose control of the vehicle.

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 doors, the hood and the trunk lid are closed.
- the engine is running and the transmission and engine are at normal operating temperature.
- the steering wheel is in the straight-ahead position.
- the vehicle is on level ground.
- the vehicle is stationary, the brake pedal is depressed (left foot) and the parking brake is released.
- the transmission is in position **D**.
- one of the drive programs **S**, **S\*** or  is selected (→ page 12).

- ▶ Rapidly depress the accelerator pedal fully. The engine speed increases.

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

- ▶ The **RACE START Release brake to start** message appears in the multifunction display.

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

❗ If the brake pedal is not released after a short while, RACE START is canceled. The **RACE START Canceled** message appears in the multifunction display.

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

RACE START is deactivated when the vehicle reaches a speed of approximately 31 mph (50 km/h).

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

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

### AMG adaptive sport suspension system (air suspension)

#### Function of AMG adaptive sport suspension system

AMG adaptive sport suspension system is only available for the

#### Mercedes-AMG S 63 4MATIC+ Coupe and Mercedes-AMG S 65 Cabriolet models.

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





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

- the driving style, e.g. sporty
- the road condition, e.g. bumps
- the individual selection of the drive program: **C** (Comfort), **S** (Sport) or **S+** (Sport +)

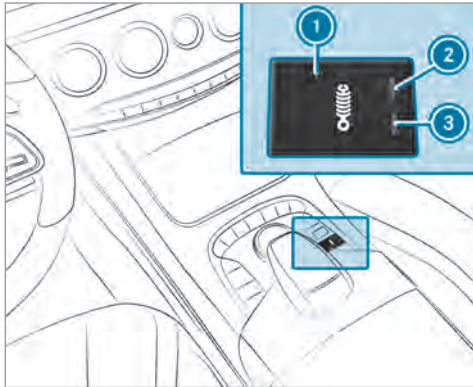
AMG adaptive sport suspension system comprises:

- air suspension for ground clearance irrespective of load.
- automatic level control system.
- 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 tuning button

**Available suspension settings**

Drive program	Characteristics
 (Comfort)	<ul style="list-style-type: none"><li>• The suspension tuning is comfortable.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds above 77 mph (125 km/h) the vehicle is lowered.</li><li>• When driving at speeds below 50 mph (80 km/h) the vehicle is raised again.</li><li>• 4MATIC+ is dynamically synchronised.</li></ul>
 (Sport)	<ul style="list-style-type: none"><li>• The suspension tuning is firmer.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds above 77 mph (125 km/h) the vehicle is lowered.</li><li>• When driving at speeds below 50 mph (80 km/h) the vehicle is raised again.</li><li>• 4MATIC+ is dynamically synchronised.</li></ul>
 (Sport Plus)  (RACE)	<ul style="list-style-type: none"><li>• The suspension tuning is even firmer.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds above 77 mph (125 km/h) the vehicle is lowered.</li><li>• When driving at speeds below 50 mph (80 km/h) the vehicle is raised again.</li><li>• 4MATIC+ is more dynamically synchronised.</li></ul>

## AMG adaptive sport suspension system, selecting the suspension setting



- ▶ **To select the Comfort suspension setting:** press button ① repeatedly until indicator lamps ② and ③ go out. The **AMG Suspension System COMFORT** message appears in the multifunction display.

In "Comfort" mode, the driving characteristics of your vehicle are comfortable.

- ▶ **To select the Sport suspension setting:** press button ① repeatedly until indicator lamp ③ lights up. The **AMG Suspension System SPORT** message appears in the multifunction display. "Sport" driving mode ensures a firmer suspension tuning.
- ▶ **To select the Sport Plus suspension setting:** press button ① repeatedly until indicator lamps ② and ③ light up. The **AMG Suspension System SPORT +** message appears in the multifunction display. "Sport Plus" driving mode ensures a very firm suspension tuning.

### Setting the vehicle level

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

If you drive at a higher vehicle level, the driving characteristics may be impaired due to the higher vehicle center of gravity.

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

- ▶ Always 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 you lower the vehicle.

- ⚠ **WARNING** Risk of entrapment from 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.

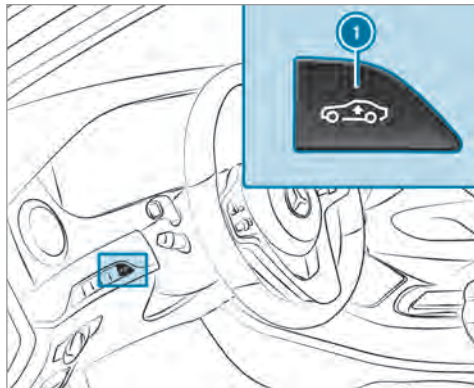
The vehicle can also be lowered after being locked.

- ▶ 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 must not be moving faster than 50 mph (80 km/h).

**Raising the vehicle**



- ▶ Press button ①.  
The vehicle is set to the high level.

Your selection is saved.

The vehicle is lowered again in the following situations:

- 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.
- After selecting a drive program using the DYNAMIC SELECT switch.

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

**Lowering the vehicle**

- ▶ Press button ①.  
The vehicle is adjusted to the height of the last active drive program.

**The AMG adaptive sport suspension system (electrohydraulic suspension)**

**Function of AMG adaptive sport suspension system**

**AMG adaptive sport suspension system is only available for the Mercedes-AMG S 65 Coupe.**

AMG adaptive sport suspension system is an electrohydraulic suspension with variable damp- ing for improved driving comfort. The all-round



level control system ensures the best possible suspension and constant ground clearance, even with a laden vehicle. When driving at speed, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. The suspension tuning is adjusted depending on the road surface, vehicle load and the drive program selected. The ROAD SURFACE SCAN function detects areas of unevenness in the road before you drive over them by means of a multifunction camera. This reduces chassis movements. The option of manually adjusting the vehicle level is also available.

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





- The driving style, e.g. sporty
- The road condition, e.g. bumps
- The individual selection of the drive program: **C** (Comfort), **S** (Sport), **S+** (Sport+) or **CV** (CURVE)

AMG adaptive sport suspension system comprises:

- Active Body Control ABC
- ROAD SURFACE SCAN

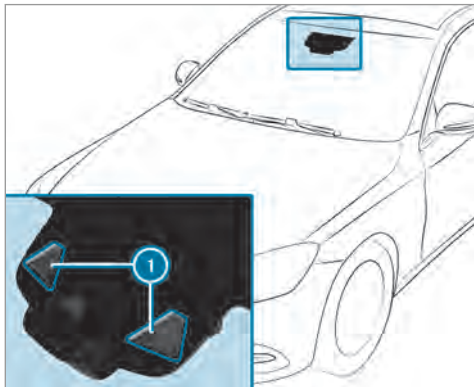
- Curve inclination function CURVE
- Automatic level control system
- Automatic vehicle stabilization in the event of sidewinds
- Speed-dependent lowering to reduce fuel consumption
- Manually selectable high-level setting for greater ground clearance
- DYNAMIC SELECT switch and level button
- Suspension tuning button

**Available suspension settings**

Drive program	Characteristics
 (Comfort)	<ul style="list-style-type: none"><li>• The suspension tuning is comfortable.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds between 75 mph (120 km/h) and 100 mph (160 km/h) the vehicle is lowered steadily.</li><li>• When driving at speeds between 100 mph (160 km/h) and 75 mph (120 km/h) the vehicle is raised again.</li><li>• ROAD SURFACE SCAN is active.</li></ul>
 (Sport)  (Sport Plus)	<ul style="list-style-type: none"><li>• The suspension tuning is firmer.</li><li>• When driving at speeds between 40 mph (65 km/h) and 62 mph (100 km/h) the vehicle is lowered steadily.</li><li>• When driving at speeds between 62 mph (100 km/h) and 40 mph (65 km/h) the vehicle is raised again.</li><li>• ROAD SURFACE SCAN is deactivated.</li></ul>
 (CURVE)	<ul style="list-style-type: none"><li>• The suspension tuning is comfortable.</li><li>• The vehicle is set to the normal level.</li><li>• When driving at speeds between 75 mph (120 km/h) and 100 mph (160 km/h) the vehicle is lowered steadily.</li><li>• When driving at speeds between 100 mph (160 km/h) and 75 mph (120 km/h) the vehicle is raised again.</li><li>• The curve inclination function is active.</li><li>• ROAD SURFACE SCAN is active.</li></ul>

## Function of ROAD SURFACE SCAN

❗ This function is not available in all countries.



### ROAD SURFACE SCAN:

- Monitors the road in front of the vehicle using multifunction camera ❶.
- Is active when one of drive programs **[C]** (Comfort) or **[CV]** (CURVE) is selected.

- Detects unevenness in the road surface, e.g. bumps, before the vehicle drives over them.
- Reduces chassis movements.

### System limitations

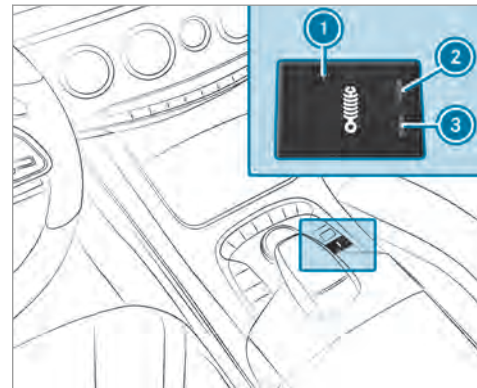
ROAD SURFACE SCAN can be impaired in the following situations or can stop functioning:

- If the roadway is insufficiently lit, e.g. at night.
- In snow, rain, fog, heavy spray, if there is glare, in direct sunlight or in greatly varying ambient light.
- If the windshield in the area of multifunction camera ❶ is dirty, fogged up, damaged or covered.
- If the road surface has no optic structure or reflects light.
- If the distance to the vehicle in front is too short.
- If sections of the route have a very small radius of curvature.
- During dynamic driving maneuver, e.g. if you accelerate or brake the vehicle sharply.

- At speeds below 5 mph (7 km/h) or above 112 mph (180 km/h).
- If the vehicle is at a raised level or in drive program **[S]** (Sport) or **[S<sup>+</sup>]** (Sport Plus).

Observe the notes on cleaning the multifunction camera .

### AMG adaptive sport suspension system, selecting the suspension setting



▶ **To select the Comfort suspension setting:** press button ① repeatedly until indicator lamps ② and ③ go out.

The **AMG Suspension System COMFORT** message appears in the multifunction display.

In "Comfort" mode, the driving characteristics of your vehicle are comfortable.

▶ **To select the Sport suspension setting:** press button ① repeatedly until indicator lamp ③ lights up.

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

"Sport" driving mode ensures a firmer suspension tuning.

▶ **To select the Sport Plus suspension setting:** press button ① repeatedly until indicator lamps ② and ③ light up.

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

"Sport Plus" driving mode ensures a very firm suspension tuning.

### Selecting Curve mode

In "Curve" mode, the driving characteristics of your vehicle are more comfortable and the curve inclination function is activated. Select this mode if you prefer a more comfortable driving style.

▶ Press button ① repeatedly until indicator lamps ② and ③ light up.

The **AMG Suspension System CURVE** message appears on the multifunction display.

### Setting the vehicle level

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

If you drive at a higher vehicle level, the driving characteristics may be impaired due to the higher vehicle center of gravity.

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

▶ Always 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 you lower the vehicle.

**⚠ WARNING** Risk of entrapment from 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.

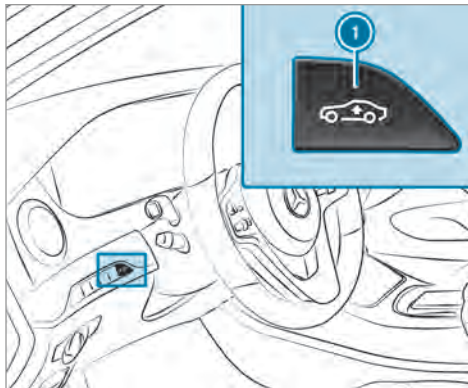
The vehicle can also be lowered after being locked.

- ▶ 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 must not be moving faster than 50 mph (80 km/h).

#### Raising the vehicle



- ▶ Press button ①.  
The vehicle is set to the high level.

Your selection is saved.

The vehicle is lowered again in the following situations:

- 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.
- After selecting a drive program using the DYNAMIC SELECT switch.



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

#### Lowering the vehicle

- ▶ Press button ①.  
The vehicle is adjusted to the height of the last active drive program.

### Notes on the Instrument Display and on-board computer

Additional notes regarding your Mercedes-AMG vehicle:


- **Vehicles with an Instrument Display (standard) only:** If you select the **Performance** menu, the upshift bar appears on the multifunction display.
- If you switch on the ECO start/stop function and select drive program **C**, the engine electronics switch from 8-cylinder mode to 4-cylinder mode, if necessary. The multifunction display shows the  symbol in the status area.
- Additional note regarding the warning and indicator lamps: the vehicle is also equipped with the  SPORT handling mode warning and indicator lamp (→ page 44).
- You can select the following display content in Mercedes-AMG vehicles with Widescreen Cockpit:
  - Tachometer (classic display setting)

- Tachometer and gear display (classic display setting)
- Date (progressive display setting)
- Date and gear display
- Warm-up
- Engine data
- G-Meter
- Trip computer
- Navigation

### 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
- SETUP
- G-Meter

- RACETIMER
- Engine data



Example: warm-up

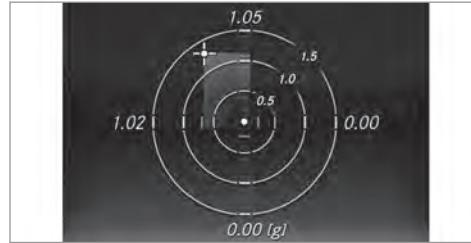
- ① Digital speedometer
- ② Gear display
- ③ Engine oil temperature
- ④ Transmission oil temperature
- ⑤ Boost pressure

If the engine or transmission are not at operating temperature, the multifunction display shows temperature ③ or ④ in blue. Avoid using the full engine power output during this time.



Example: SETUP in Mercedes-AMG vehicles

- ① Drive system setting (depending on the selected drive program **C**, **S** or **S!**)
- ② Exhaust system (depending on the selected drive program **C**, or **S**)
- ③ ESP® status (On/Off or SPORT handling mode)
- ④ Transmission position
- ⑤ Suspension tuning (depending on the selected drive program **C**, **S** or **S!**)



Example: 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 appear in red in the coordinate system.

- ▶ **To reset the G-meter:** press the left-hand Touch Control.
- ▶ Select **Yes**.
- ▶ Press the left-hand Touch Control.

If you press and hold the left-hand Touch Control, the function will be reset immediately.



Example: engine data

- ① Current power output
- ② Current torque

### Displaying and starting RACETIMER in the Performance menu

On-board computer:

➔ [Performance](#)

- ⓘ The RACETIMER function is available only in vehicles without AMG TRACK PACE.

The following functions are possible in RACE-TIMER:

- Displaying and starting
- Stopping
- Starting a new lap
- Displaying lap statistics
- Resetting



- ① Lap
- ② Lap time

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

- ▶ **To select a display and start:** swipe up or down on the left-hand Touch Control.
  - ▶ Press the left-hand Touch Control.
  - ▶ Select **Start** and press the left-hand Touch Control.
  - ▶ **To stop:** select **Stop** and press the left-hand Touch Control.
  - ▶ **To start a new lap:** after the first stored lap, press the left-hand Touch Control.
  - ▶ Select **New Lap**.
- A maximum of 32 laps may be stored.



Example: RACETIMER

- ① Lap
- ② Elapsed time
- ③ Average speed
- ④ Distance covered

- ▶ **To display the lap statistics:** after at least two stored laps, press the left-hand Touch Control.
- ▶ Select **Lap List**.  
The lap statistics will be displayed.

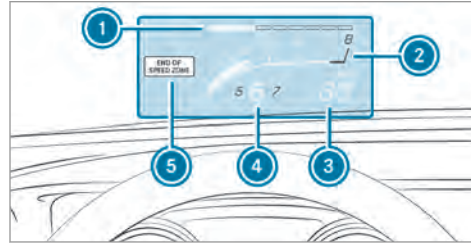


- ▶ Display the statistics of the next lap by swiping up or down on the left-hand Touch Control. The fastest lap is indicated by flashing symbol ①.
- ▶ **To reset:** stop RACETIMER and press the left-hand Touch Control.
- ▶ Select **Reset** and press the left-hand Touch Control. All laps will be deleted.

### Function of the Head-up Display


The Head-up Display projects information from the navigation system and the driver assistance system above the cockpit into the driver's field of vision.

### Mercedes-AMG display content



- ① Protection from reaching the overrevving range
- ② Current engine speed
- ③ Current speed
- ④ Currently selected gear, gearshift options with manual shifting
- ⑤ Detected instructions and traffic signs

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

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

### System limitations

The visibility is influenced by the following conditions:

- Seat position
- The positioning of the display image
- Light conditions
- Wet roads
- Objects on the display cover
- Polarization in sunglasses

## AMG TRACK PACE

### General information

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

### Setting Track Race

Multimedia system:


↳ Vehicle ▶ TRACK PACE ▶ Track Race

### Recording a track

- ▶ Select **New track**.
- ▶ At the desired starting point, select **Start**. The track recording starts at this point. During track recording, sectors can be set to determine intervals.

- ▶ To finish track recording, select **Stop** or cross the starting line again.
- ▶ Enter the weather and the track name.

### Searching by track name

- ▶ Select **All tracks**.
- ▶ Select  **Search**.
- ▶ Enter the track name. Tracks with the searched name are displayed.

### Measuring the time on the track

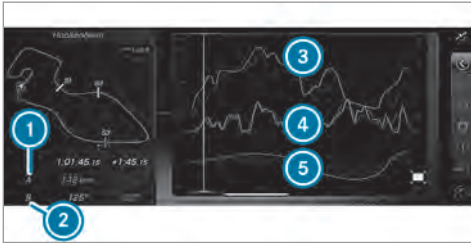
- ▶ Select **Timekeeping**. An overview of nearby tracks appears. The distance and direction to the starting line of the track is displayed.
- ▶ Select the desired track. If you have already driven on this track, you can select a driven time as a reference time.

Timekeeping begins automatically when the starting line has been crossed.

- ⓘ When **Zoom** is selected, the track display can be switched from 2D to 3D.

### Displaying the analysis

- ▶ Select **Lap times**. An overview of all the driven times appears.
- ▶ Select a track. The following data is displayed:
  - Lap and sector times
  - Average and top speed
  - Driver
  - Vehicle
  - Date
  - Weather
- ▶ Select a desired lap. The analysis is displayed.




- ① Parameter 1 (e.g. speed)
  - ② Parameter 2 (e.g. steering angle)
  - ③ Speed trend (Parameter 1)
  - ④ Steering angle trend (Parameter 2)
  - ⑤ Time difference between lap A and B (only when two laps are selected).
- ⓘ 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 or races (USB)

- ▶ Select **All tracks**.  
An overview of all stored tracks and races appears.
- ▶ Highlight desired tracks or races.
- ▶ Select  Options.
- ▶ Select **Export**.  
The selected tracks or races can be exported to a USB storage device connected to the vehicle.

### Editing tracks and recordings

- ▶ Select **All tracks**.
  - ▶ Highlight the desired track.
  - ▶ Select  options.
  - ▶ Select **Rename** or **Delete**.
- or
- ▶ Select a track.

- ▶ Highlight the desired recording.
- ▶ Select  options.
- ▶ Select **Weather** or **Delete**.

### Setting Drag Race

Multimedia system:

➔ **Vehicle** ➔ **TRACK PACE** ➔ **Drag Race**

### Measuring acceleration

- ▶ Select **Acceleration**.  
Measurement begins when the vehicle accelerates. Measurement is incremental, in steps of 30 mph (50 km/h) up to a maximum of 180 mph (300 km/h) or up to the set maximum speed.  
Measurement can be stopped early by selecting **Stop** or by stopping the vehicle.

### Quarter-mile race

- ▶ Select **Quarter Mile**.  
The time measurement runs until a mile has been traveled or a previously set distance (e.g. 1/4 mile, 1/3 mile or 1/2 mile) has been reached.

- i** The possible values for setting the end distance are determined by the system and cannot be freely chosen.

Measurement can be stopped early by selecting **Stop** or by stopping the vehicle.

### Manual start for acceleration and quarter-mile race

- ▶ Select **Acceleration** or **Quarter Mile**.
- ▶ Select **Manual start**.  
Three red traffic lights appear one after the other. The reaction time measurement starts when they change to green at the same time. The reaction time is displayed as soon as you drive off. If you drive off too early, the message **Jump start** will appear and acceleration or quarter mile measurement will be canceled.

### Measuring braking

- ▶ Select **Braking**.
- ▶ Select **Start Record**.  
Measurement is incremental, in steps of 30 mph (50 km/h) to a standstill. If the braking procedure is started e.g. at a speed of

99 mph (160 km/h), measurement starts as soon as 90 mph (150 km/h) has been reached.


### Storing and calling up measurement values

When a measurement has been completed or canceled, the measured time can be stored.

- ▶ After a measurement, select **Save measurement?**.

The stored measurements can be displayed via the **History** menu item.

### Editing measurements

- ▶ Select **History**.
- ▶ Highlight the desired measurement.
- ▶ Select  options.
- ▶ Select **Weather** or **Delete**.

- i** The measurements can be displayed by category, e.g. acceleration measurements, by applying a filter.

### Calling up the telemetry display

Multimedia system:

↳ **Vehicle** ▶ **TRACK PACE** ▶ **Telemetry**

The telemetry display shows current vehicle data as a digital value and as a diagram. Up to four parameters can be selected 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.

- i** The time can range from a minimum of 30 seconds to a maximum of 20 minutes.

## Configuring AMG TRACK PACE

### Requirements

#### To use 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:

↳ **Vehicle** ▶ **TRACK PACE** ▶ **Options**

### Setting driver profiles

- ▶ Select **Driver Profile**.
- ▶ Create a new driver profile.

or

- ▶ Select an existing driver profile.  
The driver profile is activated.

- ⓘ Tracks, laps and times driven are assigned to the active driver profile while driving. For an exact evaluation of your driving style, you should always drive with an active driver profile.

### Displaying driver profile statistics

- ▶ Select **Driver Profile**.
- ▶ Select the desired profile.

The following information is displayed for the selected driver profile:

- Driving time
- Distance driven
- Number of Track Races, Drag Races and laps driven
- Maximum speed

### 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 the **TRACK PACE app**.  
Already authorized devices are displayed in the list.
- ▶ 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.
- ▶ Enter the code displayed on the device.  
The device is authorized.

or

- ▶ Select a device that is already authorized.  
The device is de-authorized.

### Setting the TRACK PACE display in the head-up display

- ▶ Select **HUD Contents**.
- ▶ 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 31).

### Setting acoustic feedback

- ▶ Select **Acoustic feedback**.  
The following settings are available:
  - **Loud**
  - **Medium**
  - **Quiet**

- Off

▶ Select a setting.

### Activating/deactivating additional information

▶ Activate  or deactivate  [Display help](#).

When additional information is activated, popups provide information on the individual menus.

▶ Confirm popups with [OK](#) or select [Do not display](#).

### Calling up information

▶ Select [Info](#).

The following information is displayed:

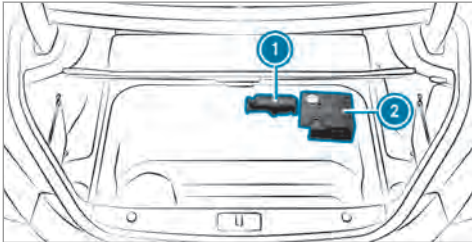
- Software version
- Memory used
- Total number of tracks saved
- Total number of races driven

## Flat tire

### TIREFIT kit storage location

The TIREFIT kit is located under the trunk floor.

Depending on the equipment, the position of the TIREFIT kit in the trunk floor can vary.



- ① Tire sealant bottle
- ② Tire inflation compressor

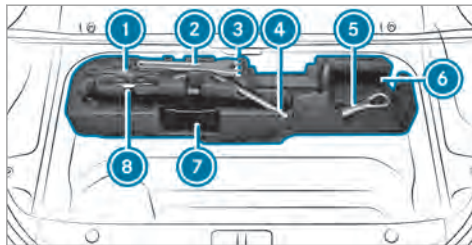
### Overview of the tire-change tool kit

Apart from some country-specific variants, vehicles are not equipped with a tire-change tool kit. For more information on which tire-change tools are required and approved for performing a wheel change on your vehicle, consult a qualified specialist workshop.

Required tire-change tools may include, for example:

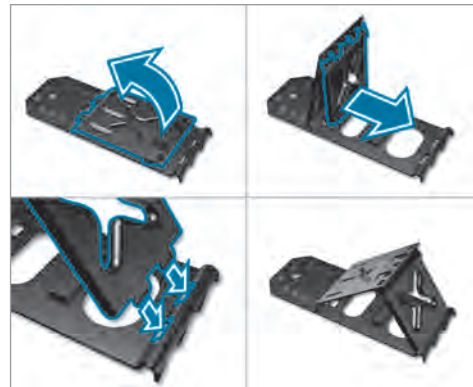
- Jack
- Chock
- Lug wrench
- Alignment bolt

The tire-change tool kit is in a tray in the stowage space under the trunk floor.



- ① Folding chock
- ② Ratchet
- ③ Socket
- ④ Lug wrench
- ⑤ Towing eye
- ⑥ Jacking support
- ⑦ Jack
- ⑧ Alignment bolt

### Setting up the folding chock



### 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 disk when changing a wheel

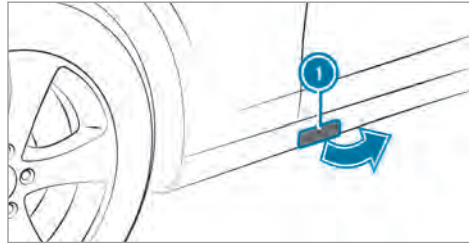
**Mercedes-AMG vehicles with ceramic brake disks:** during removal and repositioning of the wheel, the wheel rim may strike the ceramic brake disk and damage it.

- ▶ Take particular care.
- ▶ Ask another person for assistance or use a second centering pin.

- ▶ When changing the wheel, avoid exerting any force on the brake discs. This can lead to impaired comfort during braking.

### Installing/removing the longitudinal member panel

To protect the vehicle body, the vehicle has covers installed next to the jack support points on the longitudinal member panels.



- ▶ Fold cover ① upwards.

## Operating fluids

### Fuel

#### Notes on fuel grades for vehicles with a gasoline engine

Observe the notes on operating fluids .

#### ! 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 unleaded 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 ignition.
- ▶ Consult a qualified specialist workshop.

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

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

As a temporary measure, if the recommended fuel is not available, you may also use unleaded regular gasoline which has at least the octane number specified in the instruction label in the fuel filler flap . This may reduce engine performance and increase fuel consumption.

Never refuel using gasoline with a lower RON.

#### ! NOTE Premature wear caused by unleaded regular gasoline

Unleaded regular gasoline can cause the engine to wear more quickly and impair longevity and performance.

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 speed.
- ▶ Avoid sudden acceleration and engine speeds over 3,000 rpm.

Further information on fuel can be found:

- at a gas station
- at a qualified specialist workshop
- **USA only:** at <http://www.mbusa.com>

### Tank content and fuel reserve

The total capacity of the fuel tank may vary, depending on the vehicle equipment.

Coupe/convertible	Total capacity
All models	21.1 gal (80.0 liters)
Of which reserve	
All models	3.2 gal (12.0 liters)

### Quality and capacity of engine oil

#### MB-Freigabe or MB-Approval

Coupe/convertible	MB-Freigabe or MB-Approval
Mercedes-AMG S 65	229.5
Mercedes-AMG S 63 4MATIC+	229.5, 229.51

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

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

### Capacity

Coupe/convertible	Capacity
Mercedes-AMG S 65	11.1 US qt (10.5 liters)
Mercedes-AMG S 63 4MATIC+	9.5 US qt (9.0 liters)

### Coolant capacity

Coupe / convertible	Capacity
Mercedes-AMG S 65	16.1 US qt (15.2 l)
Mercedes-AMG S 63 4MATIC+	14.4 US qt (13.6 l)

### Refrigerant filling capacity and PAG oil

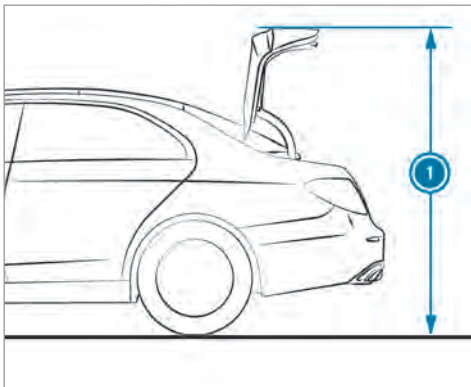
Coupe/convertible	Refrigerant
All models	23.3 ± 0.4 oz (660 ± 10 g)
Coupe/convertible	PAG oil
All models	3.9 ± 0.4 oz (110 ± 10 g)

### Vehicle data

#### Vehicle dimensions

The heights specified may vary as a result of the:

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



### Height when opened

Coupe/convertible	① Height when opened
Coupe	69.1 in (1755 mm)
Convertible	65.5 in (1663 mm)

### Vehicle dimensions

Coupe/convertible	
Vehicle length	198.9 in (5051 mm)
Vehicle width including exterior mirrors	83.0 in (2108 mm)
Vehicle height	56.2 in (1428 mm)
Wheelbase	115.9 in (2945 mm)

### Coupe/convertible

Turning radius (Mercedes-AMG S 65 Coupe)	38.1 ft (11.60 m)
Turning radius (Mercedes-AMG S 63 4MATIC+ Coupe)	39.0 ft (11.90 m)
Turning radius (convertible)	39.0 ft (11.90 m)

### Weights and loads

Please note that for the specified vehicle data:

- items of optional equipment increase the curb weight and reduce the payload.

### Coupe/convertible

Maximum roof load (all models)	0 lb (0 kg)
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### Maximum speeds

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

**Maximum speeds**

<b>Mercedes-AMG S 65 (Coupe &amp; convertible)</b>	
First gear	41 mph (66 km/h)
2nd gear	63 mph (102 km/h)
3rd gear	94 mph (152 km/h)
4th gear	133 mph (214 km/h)
5th gear	182 mph (293 km/h)
6th gear	186 mph (300 km/h)
7th gear	186 mph (300 km/h)
<b>Mercedes-AMG S 63 4MATIC+ (Coupe &amp; convertible)</b>	
First gear	41 mph (69 km/h)
2nd gear	66 mph (106 km/h)
3rd gear	98 mph (158 km/h)

<b>Mercedes-AMG S 63 4MATIC+ (Coupe &amp; convertible)</b>	
4th gear	137 mph (221 km/h)
5th gear	183 mph (294 km/h)
6th gear	186 mph (300 km/h)
7th gear	186 mph (300 km/h)
8th gear	186 mph (300 km/h)
9th gear	186 mph (300 km/h)


## Display messages




### Driving systems

Display messages	Possible causes/consequences and ► Solutions
RACE START Canceled	<p>* Possible causes are:</p> <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> <p>You can try RACE START again at the next start.</p>
RACE START Not Possible See Operator's Manual	<p>* Possible causes are:</p> <ul style="list-style-type: none"> <li>The conditions for activation are not met (→ page 18).</li> </ul>

## Warning and indicator lamps

### Safety systems

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<p>SPORT handling mode is activated while the engine is running.</p> <p>When SPORT handling mode is activated, ESP® only stabilizes the vehicle to a limited extent.</p>

Warning/indicator lamp	Possible causes/consequences and ► Solutions
SPORT handling mode warning lamp	<p data-bbox="523 184 1980 221">  <b>WARNING</b> Risk of skidding due to incorrect application of SPORT handling mode         </p> <p data-bbox="523 236 1980 273">When you activate SPORT handling mode, there is an increased risk of skidding and having an accident.</p> <ul style="list-style-type: none"> <li data-bbox="523 280 1980 318">  Only activate SPORT handling mode in the circumstances described as follows.           </li> </ul> <p data-bbox="523 344 1980 375">  Observe the notes on activating SPORT handling mode (→ page 15).           </p>

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