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Mercedes-Benz



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Documentation team

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Vehicle manufacturer

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As at 25.03.2019

Thank you for purchasing a Mercedes-AMG

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

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

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

- Model
- Order
- National version
- Availability

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

- Design
- Equipment

- Technical features

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

The following documents are integral parts of the vehicle:

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

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


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.

 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



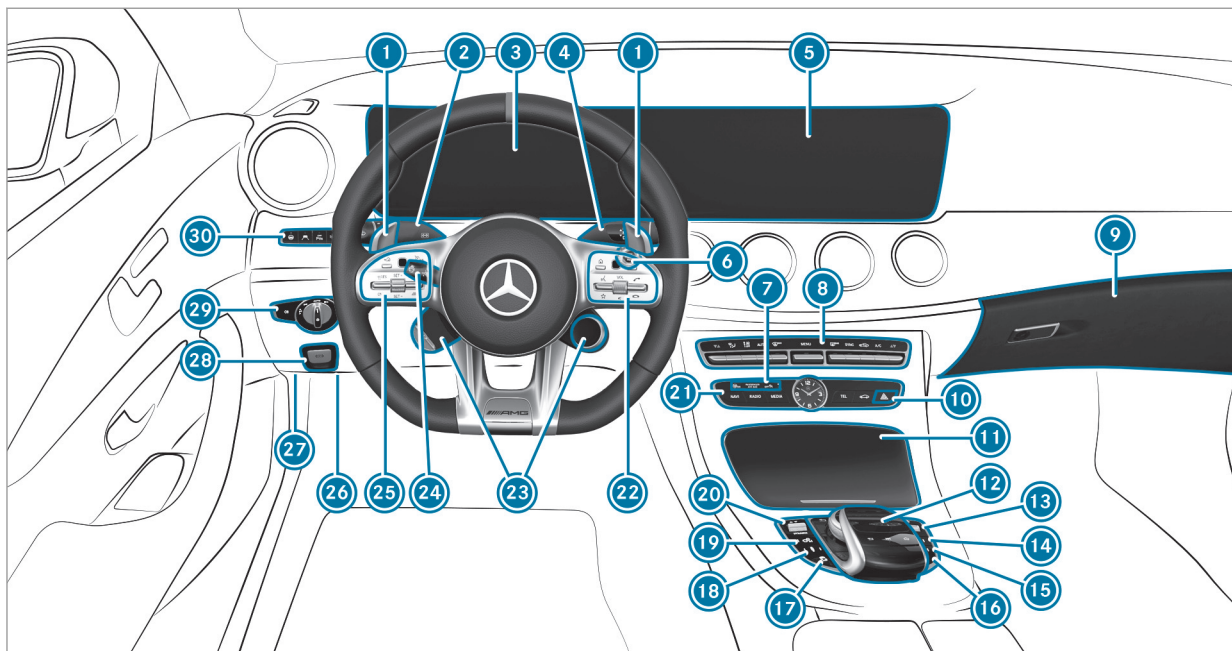
Highest menu level, which is to be selected in the multimedia system



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

* Marks a cause

4 At a glance – Cockpit



Left-hand drive vehicles

① Steering wheel gearshift paddles	→	13	⑩ Hazard warning lights		
② Combination switch			⑪ Stowage compartment		
③ Instrument Display			⑫ Touchpad		
④ DIRECT SELECT lever			⑬ Control knob for volume and switching sound on/off		
⑤ Media display			Switches the multimedia system on/off		
⑥ Start/stop button	→	10	⑭ AMG Performance exhaust system	→	12
⑦ PASSENGER AIR BAG indicator lamp			⑮ ECO start/stop function	→	11
⑧ Climate control systems			⑯ Active Parking Assist		
⑨ Glove box			⑰ ESP®	→	15
			⑱ AMG adaptive sport suspension system	→	17
			⑲ Manual gearshifting	→	13
			⑳ DYNAMIC SELECT switch	→	12
			㉑ Calls up the main functions		
			㉒ Control panel for multimedia system		
			㉓ AMG steering-wheel buttons	→	21
			㉔ Adjusts the steering wheel		
			Switches the steering wheel heater on/off		
			㉕ Operating group:		
			On-board computer	→	23
			Cruise control		
			Active Distance Assist DISTRONIC		
			㉖ Diagnostics connection		
			㉗ Opens the hood		
			㉘ Electric parking brake		

6 At a glance – Cockpit

29 Light switch

30 Control panel for:

Active Steering Assist

Active Lane Keeping Assist

Parking Assist PARKTRONIC

Head-up Display

Rear-window roller sunblind

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 and injury as a result of incorrect modifications to electronic component 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, they may no longer function as intended and/or endanger the operating safety of the vehicle.

- ▶ Never tamper with the wiring and electronic component parts or their software.
- ▶ You should have all work on electrical and electronic components carried out at a qualified specialist workshop.

Observe the "On-board electronics" section in "Technical data" in the vehicle Operator's Manual.

⚠ 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 correctly 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.

Driving

Breaking-in notes

To preserve the engine during the first 1,000 miles (1,500 km):

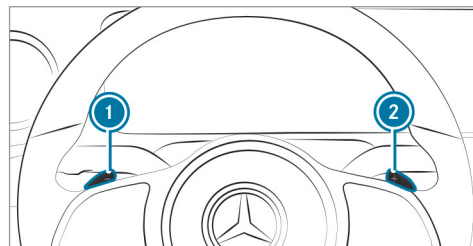
- drive at varying road speeds and engine speeds.
- do not drive faster than 85 mph (140 km/h).
- allow the engine to reach a maximum engine speed of 4,500 rpm (4,500 rpm) only briefly.
- drive the vehicle in drive program **C**.
- change gear before the tachometer needle is $\frac{2}{3}$ of the way 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 1,000 miles (1,500 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.

Function of Emotion Start



- ▶ Start the vehicle with the start/stop button and simultaneously pull one of steering wheel gearshift paddles **1** or **2**.
 - The idle speed is increased briefly when starting the engine.
 - The exhaust gas flaps are opened (sporty characteristic) (→ page 11).

Observe the notes on starting the vehicle in the vehicle Operator's Manual.

Operation of the ECO start/stop function

The engine is switched off automatically in the following situations if all vehicle conditions for an automatic engine stop are met:

- You brake the vehicle to a standstill in transmission position **[D]** or **[N]**.

If you switch on the HOLD function in transmission position **[D]** or **[N]**, the engine will automatically stop in the following situations:

- You stop behind a vehicle that is pulling away.
- You stop at a stop sign when there is no vehicle in front of you.
- You turn the steering wheel hard at a low speed.

(i) In transmission position **[R]**, the engine is not switched off automatically even when the HOLD function is switched on.

The engine is restarted automatically if:

- You release the brake pedal in transmission position **[D]** when the HOLD function is not

active and the vehicle does not start to move.

- You shift from transmission position **[P]**.
- You release the brake pedal and the vehicle starts to move on a gentle downhill gradient at a speed below 3 mph (5 km/h).
- You depress the accelerator pedal.
- You permanently activate manual gearshifting.
- You pull the left-hand steering wheel gearshift paddle.
- 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 Ready to Drive 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.

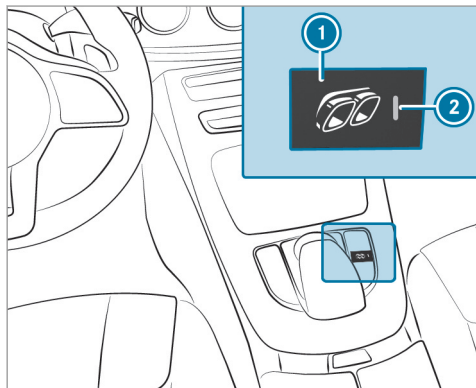
AMG Performance exhaust system

Function of the AMG Performance exhaust system

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

- Closed exhaust gas flaps: comfort characteristic (balanced)
- Open exhaust gas flaps: sporty characteristic (powerful)

Operating the AMG Performance exhaust system









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

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 style
-  **(Sport)**: sporty driving style
-  **(Sport +)**: particularly sporty driving style

Mercedes-AMG recommends selecting the 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
 - Active Distance Assist DISTRONIC
- ESP®

- Availability of the ECO start/stop function
- Suspension:
- Position of the exhaust gas flaps
- Steering
- Availability of glide mode
- ① You can also change the following vehicle characteristics using the buttons in the center console:
 - Position of the exhaust gas flaps
 - Suspension
 - ESP®
 - Availability of the ECO start/stop function

Displaying dynamic data

Multimedia system:

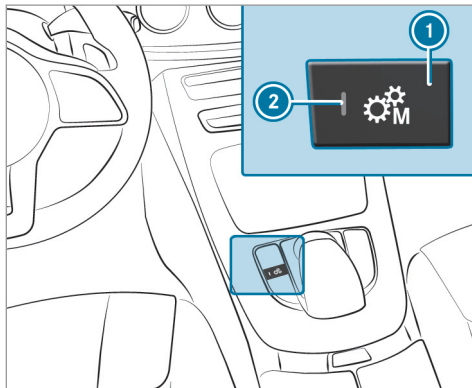
 Vehicle ▶  DYNAMIC SELECT


- ▶ 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



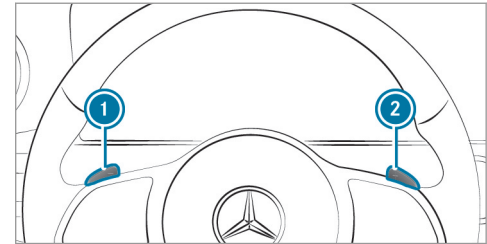
- ▶ **To activate/deactivate:** press button ①. If indicator lamp ② is lit, manual gearshifting is activated. The current gear is displayed in the multifunction display.
- ① To permanently shift the gears manually in drive program  using the steering wheel gearshift paddles, select the **M** (Manual)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

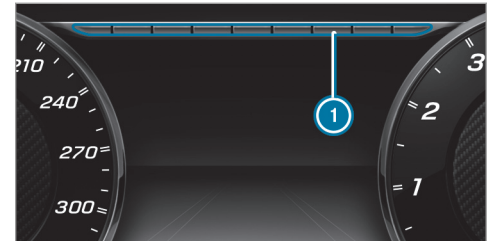
The fuel supply is interrupted in order to prevent the engine from overrevving.

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



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

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

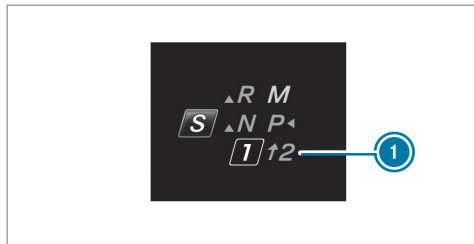


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If the engine speed is too high or too low, you cannot change gear using the steering wheel gearshift paddles. In this case, segments ① light up red.

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.


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

① If you have activated manual gearshifting with the button in the center console, the transmission does not react to the kickdown.


Glide mode function

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

Glide mode is characterized by the following:

- The combustion engine is switched off. All of the vehicle functions remain active.
- The  symbol will appear on the multifunction display.

Glide mode is activated if the following conditions are met:

- The ECO start/stop function is activated.
- Drive program  is selected with the drive setting "Moderate" or "Reduced".
- The speed is within a suitable range.
- The road's course is suitable, e.g. no steep uphill or downhill inclines or tight bends.
- The charge level of the battery is sufficient.
- You are no longer depressing the accelerator or brake pedal.

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

When Active Distance Assist DISTRONIC is active, glide mode is restricted.

Driving and driving safety systems

Functions 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
- ESP® SPORT
- ESP® OFF

Characteristics when ESP® is activated


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

- When pulling away on wet or slippery roadways.
- When braking.
- In strong side winds when you are driving faster than 47 mph (75 km/h).

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

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

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

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

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

Characteristics when ESP® SPORT is activated


⚠ 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.

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

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

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

ESP® SPORT also has the following characteristics:

- ESP® only improves driving stability to a limited degree.
- ETS/4ETS traction control is still active.
- The engine's torque is only restricted to a limited degree and the drive wheels can spin.

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


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

Characteristics when ESP® is deactivated

▲ WARNING Risk of skidding if ESP® is deactivated

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

▶ ESP® should only be deactivated in the following situations.


When ESP® is deactivated, the  ESP® OFF warning lamp and the **ESP OFF** message light up continuously in the instrument cluster.

Deactivating ESP® has the following effects:

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

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

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

If the  ESP® warning lamp lights up continuously even when ESP® is activated, 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

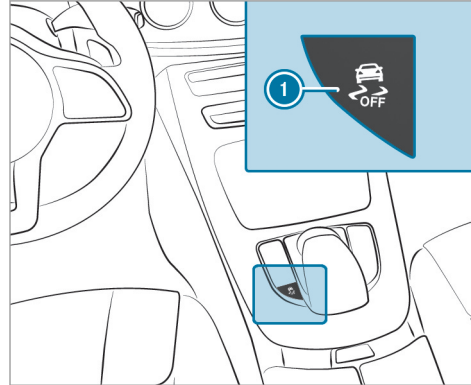
ETS/4ETS (Electronic Traction System)

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 ESP® SPORT:** briefly press button ①. The  and  warning lamps appear in the instrument cluster.

- ▶ **To deactivate ESP® SPORT:** briefly press button ①. The  and  warning lamps in the instrument cluster go out.
- ▶ **To deactivate ESP®:** press and hold button ① until the  and **ESP OFF** warning lamps appear in the instrument cluster.
- ▶ **To activate ESP®:** briefly press button ①. The  and **ESP OFF** warning lamps go out in the instrument cluster.

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

AMG adaptive sport suspension system

Function of AMG adaptive sport suspension system

The AMG adaptive sport suspension system is an air suspension system with variable damping for improved driving characteristics. The all-round level control system ensures the best possible suspension and constant ground clearance, even with a laden vehicle. When driving at

18 Driving and parking

speed, the vehicle is lowered automatically to improve driving safety and to reduce fuel consumption. You also have the option of manually adjusting the vehicle level.

The damping is adjusted individually for each wheel and is influenced by the following factors:

- The driving style, e.g. sporty
- The road condition, e.g. bumps
- The individual selection of "Sport", "Sport Plus", "Comfort" or "Economy"

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

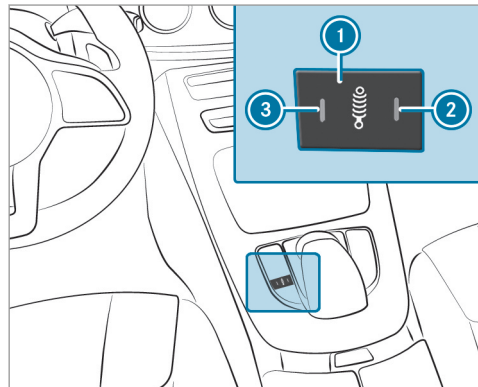
- Air suspension with variable spring rate and automatic level control

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

Available suspension settings

Drive program	Characteristics
C (Comfort) E (Eco)	<ul style="list-style-type: none">• The suspension setting is comfortable.• The vehicle is set to the normal level.• When driving at speeds above 100 mph (160 km/h) the vehicle is lowered.• When driving at speeds below 87 mph (140 km/h), the vehicle is raised again.
S (Sport)	<ul style="list-style-type: none">• 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.
S⁺ (Sport Plus)	<ul style="list-style-type: none">• 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.

Selecting the AMG adaptive sport suspension system setting



- ▶ **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.

- 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 appears in the multifunction display. The suspension is adapted to be firmer.
- ▶ **SPORT+ suspension setting:** press button ① repeatedly until indicator lamps ② and ③ light up. The **AMG Suspension System SPORT +** message appears in the multifunction display. The suspension is adapted to be very firm.

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 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.

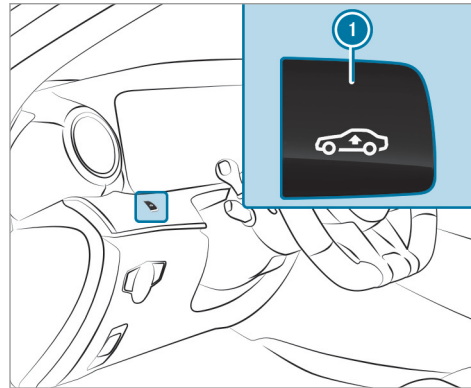
The vehicle can also be lowered after being locked.

- ▶ 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 must not be moving faster than 40 mph (65 km/h).

Raising the vehicle



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

Your selection is saved.

The vehicle is lowered again in the following situations:

- When driving faster than 62 mph (100 km/h).

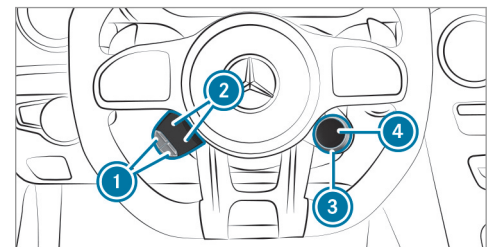
- When driving between 50 mph (80 km/h) and 62 mph (100 km/h) for approximately three minutes.
- After selecting a drive program using the DYNAMIC SELECT switch.

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.

Function of the AMG DRIVE UNIT



22 Driving and parking

The AMG Drive Unit consists of two additional control elements on the steering wheel.

Using display buttons ②, you can decide which two functions you would like to operate with the left-hand AMG DRIVE UNIT control element. You can change between the available functions by pressing the respective display button.


You can select between the following functions:

- ESP® (→ page 15)
- AMG adaptive sport suspension system (→ page 17)
- AMG Performance exhaust system (→ page 11)
- ECO start/stop function (→ page 11)
- Manual gearshifting (→ page 13)

The selected functions are displayed in display buttons ②.




By pressing button ①, you can operate the selected functions.

The selected functions remain stored even after a new engine start but are reset to their basic setting.

You can change between the drive programs with rotary adjuster ③. The selected drive program appears in display button ④. By pressing display button ④, you can directly access the drive program  (**Individual**).

Notes on the Instrument Display and on-board computer

Additional notes regarding your Mercedes-AMG vehicle:

- **Vehicles with an Instrument Display (standard):** if you activate manual gearshifting, (→ page 13) the upshift bar will appear on the multifunction or Head-up Display. In addition, the transmission set-up **M** (manual) and the current gear will appear on the transmission position display of the multifunction display.
- Additional note regarding the indicator and warning lamps: the vehicle is also equipped with the ESP® , ESP® OFF  and ESP® SPORT  indicator and warning lamps (→ page 41).

Operating the on-board computer

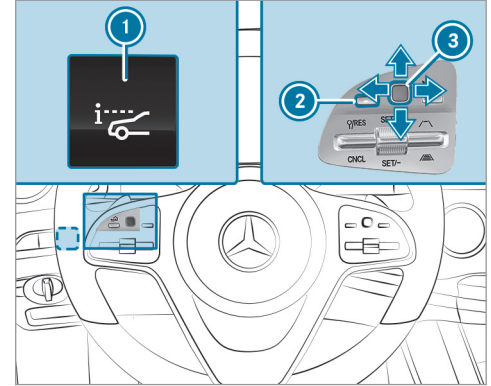
⚠ WARNING Risk of distraction from information systems and communications equipment

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

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

Observe the legal requirements for the country in which you are currently driving when operating the on-board computer.

- ① The on-board computer displays will appear on the multifunction display.



The on-board computer is operated using left-hand Touch Control ③ and left-hand back/home button ②.

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

The following menus are available:

- [Service](#)

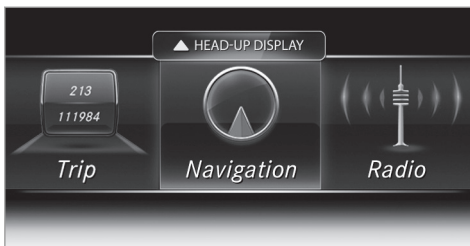
- DriveAssist
- Performance
- Trip
- Navigation
- Radio
- Media
- Phone
- Head-up Disp.

• **Vehicles with an Instrument Display in the Widescreen Cockpit:** [Designs](#)

Vehicles with an Instrument Display (standard) only: If you select the [Performance](#) menu, the upshift bar, the transmission set-up **M** (manual) and the current gear will appear on the multifunction display.

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

- ▶ **To call up the menu bar:** press back button on the left **2** until the menu bar is displayed.



- ▶ **To scroll in the menu bar:** swipe left or right on left-hand Touch Control **3**.
- ▶ **To call up a menu or confirm a selection:** press left-hand Touch Control **3**.
- ▶ **To scroll through displays or lists on the menu:** swipe upwards or downwards on left-hand Touch Control **3**.
- ▶ **To call up a submenu or confirm a selection:** press left-hand Touch Control **3**.
- ▶ **To exit a submenu:** press back button on the left **2**.

Selecting the Head-up Display

- ▶ **If the Head-up Display is switched off:** press button **1**. The Head-up Display will be switched on.

or

- ▶ **If the Head-up Display is switched on:** swipe upwards on left-hand Touch Control **3**. The Head-up Display will be activated.
- ▶ **To select what the Head-up Display shows:** swipe upwards or downwards on left-hand Touch Control **3**.

Calling up displays on the Performance menu

On-board computer:

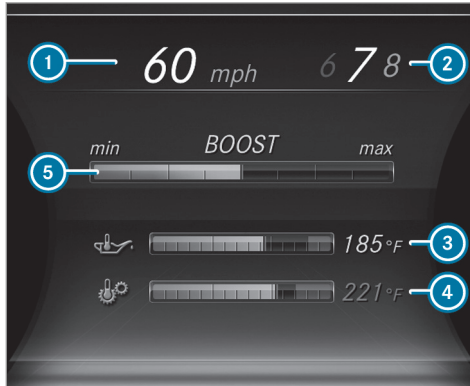
↳ [Performance](#)

- ▶ **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 (vehicles without AMG TRACK PACE)
- Engine data



Warm-up (example)

- ① Digital speedometer
- ② Gear display
- ③ Engine oil temperature

- ④ Transmission oil temperature
- ⑤ Boost pressure

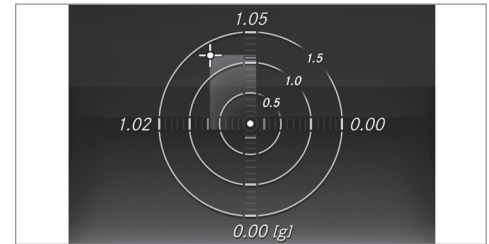
If the engine or transmission is not at operating temperature, the multifunction display will show temperature ③ or ④ in blue. Avoid using the full engine power output during this time.



Example: SETUP

- ① Drive system setting: Reduced/Moderate/Sport/Dynamic/Race
- ② Exhaust system: Balanced/Powerful
- ③ ESP® status:

- On/Off
- ④ Transmission position: D/M
- ⑤ Suspension tuning: Comfort/Sport/Sport+

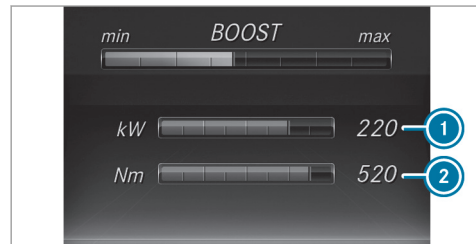


G-meter (example)

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

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

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



Engine data (example)

- ① Current power output
- ② Current torque

Displaying and starting RACE TIMER on the Performance menu

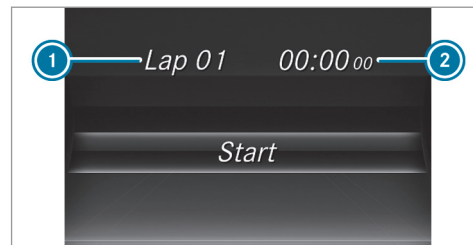
On-board computer:

↳ Performance

① The RACE TIMER function is available only in vehicles without AMG TRACK PACE.

The following functions are possible in the RACE TIMER:

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



- ① Lap
- ② Lap time

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

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

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



Example: RACE TIMER

- ① Lap
- 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.

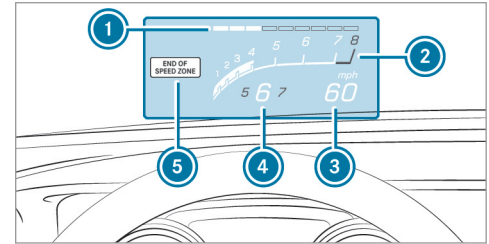
- ▶ Select **Lap List**.
The lap statistics will be displayed.
- ▶ Display the statistics for the next lap by swiping up or down on the left-hand Touch Control.
The fastest lap is indicated by flashing text ①.
- ▶ **To reset:** stop RACE TIMER and press the left-hand Touch Control.
- ▶ Select **Reset** and press the left-hand Touch Control.
All laps will be deleted.

Function of the Head-up Display

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

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

Mercedes-AMG display content




- 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 on the [Display Content](#) menu. If you select RACETIMER, the Head-up Display will show the lap and lap time.

28 Instrument Display and on-board computer

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

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

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

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

System 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

- ① 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

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.

Please note: Use AMG TRACK PACE only on closed-off routes outside the public traffic area. Adapt your driving style to your personal abilities and the 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:

↳ Vehicle ▶ TRACK PACE ▶ Track Race

Recording a track

- ▶ Select **Record Track**.
- ▶ At the desired starting point, select **Start Record**.
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 **Timing**.
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.

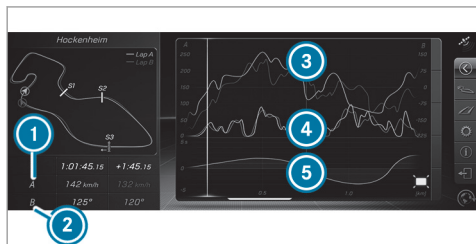
- ① When **Zoom** is selected, the track display can be switched from 2D to 3D.

Displaying the analysis

- ▶ Select **Lap Times**.
An overview of all the driven tracks appears.
- ▶ Select a track.
The following data is displayed:
 - Lap and sector times
 - Average and maximum permissible 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).

i The following values can be set for parameters 1 and 2, for example:

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

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

Exporting tracks 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) 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.

ⓘ 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**.

ⓘ 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.
- ⓘ The time can range between 30 seconds and 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
 - Track 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 27).

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:

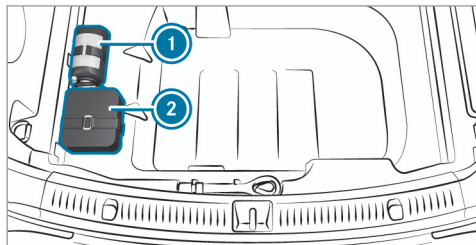
- Software version
- Memory used

- 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.



- ① Tire sealant bottle
- ② Tire inflation compressor

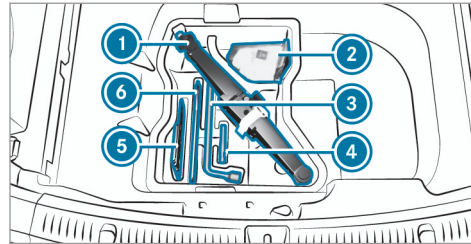
Overview of the tire-change tool kit

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

You require the following tools, for instance, to change a wheel:

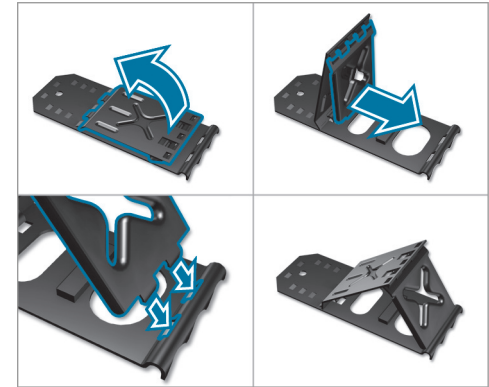
- Jack
- Chock
- Lug wrench
- Alignment bolt

The tire-change tool kit is located under the trunk floor.



- 1 Jack
- 2 Gloves
- 3 Lug wrench
- 4 Alignment bolt
- 5 Folding chock
- 6 Ratchet for jack

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 Driver's Package:

⚠ WARNING Risk of accident caused by non-approved tire types

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

- The tires do not exhibit the required quality characteristics and are not suitable for high speeds or the relevant driving dynamics.
- The tires wear unevenly and could, therefore, affect the roadworthiness of the vehicle.
- ABS, ESP® and cruise control operation are restricted.

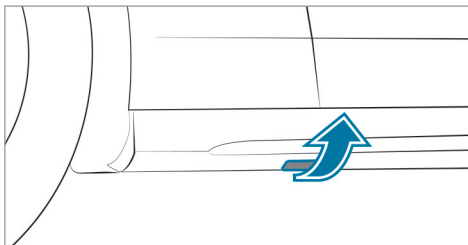
This can jeopardize road safety.

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

Cover of jack support points

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

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



Cover of jack support points

⚠ WARNING Risk of injury from incorrect positioning of the jack

If you do not position the jack correctly at the appropriate jacking point of the vehicle, the jack could tip with the vehicle raised.

- ▶ Only position the jack at the appropriate jacking point of the vehicle. The base of the jack must be positioned vertically under the jacking point of the vehicle.

! NOTE Vehicle damage from the jack

If you do not position the jack correctly at the appropriate jack support point of the vehicle, the jack could tip over with the vehicle raised.

- ▶ The jack is designed exclusively for jacking up the vehicle at the jack support points.

Operating fluids

Fuel

Information on fuel grades 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 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 the ignition on.
- ▶ Consult a qualified specialist workshop.

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

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

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 information label in the fuel filler flap (see the vehicle Operator's Manual).

Never refuel using gasoline with an even lower RON.

! **NOTE** Premature wear through 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 fill up 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
- On the <https://www.mbusa.com> (USA only)

Tank content and fuel reserve**Capacity**

Model	Total capacity
Mercedes-AMG CLS 53 4MATIC+	21.1 gal (80.0 liters)
Model	Of which reserve
Mercedes-AMG CLS 53 4MATIC+	3.2 gal (12.0 liters)

Quality and capacity of engine oil**MB-Freigabe or MB-Approval**

Gasoline engines	Engine oil specifications
Mercedes-AMG CLS 53 4MATIC+	229.51, 229.52, 229.61 229.71*

* Recommended for lowest possible fuel consumption (lowest SAE viscosity class in each

case; observe possible restrictions of the approved SAE viscosity classes).

To achieve the lowest possible fuel consumption, it is recommended to use the engine oil specifications marked in the table for the lowest SAE viscosity class. Possible restrictions of the approved SAE viscosity classes must be observed.

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

Capacity

Model	Capacity
Mercedes-AMG CLS 53 4MATIC+	9.0 US qt (8.5 liters)

Coolant capacity**Capacity**

Model	Capacity
Mercedes-AMG CLS 53 4MATIC+	14.8 US qt (14.0 liters)

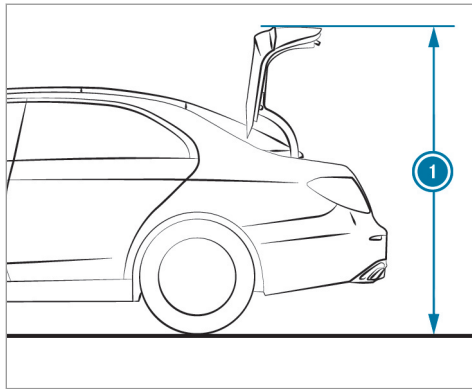
Refrigerant filling capacity**Filling capacity for refrigerant and PAG oil**

Model	Refrigerant
Mercedes-AMG CLS 53 4MATIC+	20.8 ± 0.4 oz (590 ± 10 g)
Model	PAG oil
Mercedes-AMG CLS 53 4MATIC+	4.2 ± 0.4 oz (120 ± 10 g)

Vehicle data**Vehicle dimensions**

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

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



Height when opened

Model	① Height when opened
Mercedes-AMG CLS 53 4MATIC+	74.0 in (1880 mm)

Vehicle dimensions

Mercedes-AMG CLS 53 4MATIC+	
Vehicle length	196.9 in (5001 mm)
Vehicle width including outside mirrors	81.5 in (2069 mm)
Vehicle height	56.0 in (1422 mm)
Wheelbase	115.7 in (2939 mm)
Turning radius	40.85 ft (12.45 m)

Weights and loads

Please observe the following notes for the specified vehicle data:

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

Roof load

Mercedes-AMG CLS 53 4MATIC+	
Maximum roof load	220 lb (100 kg)

Maximum design speeds

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

Maximum design speeds


Mercedes-AMG CLS 53 4MATIC	
1st gear	30 mph (49 km/h)
2nd gear	50 mph (81 km/h)
3rd gear	72 mph (116 km/h)
4th gear	102 mph (160 km/h)
5th gear	134 mph (216 km/h)
6th gear	162 mph (250 km/h)

40 Technical data

Mercedes-AMG CLS 53 4MATIC	
7th gear	162 mph (250 km/h)
8th gear	162 mph (250 km/h)
9th gear	162 mph (250 km/h)


Display messages

Driving systems

Display messages	Possible causes/consequences and ► Solutions
 <p data-bbox="195 425 458 474">Malfunction Drive at Max. 50 mph</p>	<p data-bbox="524 332 1690 381">* The AMG adaptive sport suspension system is malfunctioning. The vehicle's handling characteristics may be affected.</p> <ul style="list-style-type: none"> <li data-bbox="543 394 1134 418">► Do not drive at speeds greater than 50 mph (80 km/h). <li data-bbox="543 428 975 452">► Consult a qualified specialist workshop.

Warning and indicator lamps


Driving safety systems

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="195 796 436 819">ESP® OFF warning lamp</p>	<p data-bbox="506 702 1184 726">The yellow ESP® OFF warning lamp is lit while the engine is running.</p> <p data-bbox="519 739 735 763">*ESP® is deactivated.</p>


42 Display messages and warning/indicator lamps

Warning/indicator lamp	Possible causes/consequences and ► Solutions
	<p data-bbox="482 249 1652 288">▲ WARNING Risk of skidding when driving with ESP® deactivated</p> <p data-bbox="482 291 1652 353">If ESP® is deactivated, ESP® cannot carry out vehicle stabilization. The availability of further driving safety systems is also limited.</p> <ul data-bbox="482 356 1652 425" style="list-style-type: none"><li data-bbox="482 356 1652 384">► Drive on carefully.<li data-bbox="482 387 1652 425">► Only deactivate ESP® for as long as the situation requires. <p data-bbox="482 428 1652 467">If ESP® cannot be activated, ESP® is malfunctioning.</p> <ul data-bbox="482 470 1652 508" style="list-style-type: none"><li data-bbox="482 470 1652 508">► Have ESP® checked immediately at a qualified specialist workshop. <p data-bbox="482 532 1652 570">► Observe the notes on deactivating ESP® (→ page 15).</p>
<div data-bbox="155 588 310 671" style="border: 1px solid black; padding: 5px; display: inline-block;">ESP SPORT</div> <p data-bbox="144 674 421 705">ESP® SPORT warning lamp</p>	<p data-bbox="445 581 1661 612">ESP® SPORT is activated while the engine is running.</p> <p data-bbox="445 615 1661 646">*When ESP® SPORT is activated, ESP® will stabilize the vehicle only to a limited extent.</p> <p data-bbox="482 664 1652 702">▲ WARNING Risk of skidding if ESP® SPORT is used incorrectly</p> <p data-bbox="482 705 1652 736">When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.</p> <ul data-bbox="482 739 1652 778" style="list-style-type: none"><li data-bbox="482 739 1652 778">► Activate ESP® SPORT only in the circumstances described below. <p data-bbox="482 801 1652 840">► Observe the notes on activating ESP® SPORT(→ page 15).</p>

Driving systems

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p data-bbox="197 384 454 405">Suspension warning lamp</p>	<p data-bbox="506 291 1206 311">The yellow AMG adaptive sport suspension system warning lamp is lit.</p> <ul data-bbox="506 325 1221 384" style="list-style-type: none"><li data-bbox="506 325 1221 346">* There is a malfunction in the AMG adaptive sport suspension system.<li data-bbox="528 359 1045 384">► Note the messages on the multifunction display.

- A**
- Acceleration**
see Kickdown
- AMG**
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