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Mercedes-AMG Supplement

Mercedes-Benz



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

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Documentation team

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Vehicle manufacturer

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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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2385844305



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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



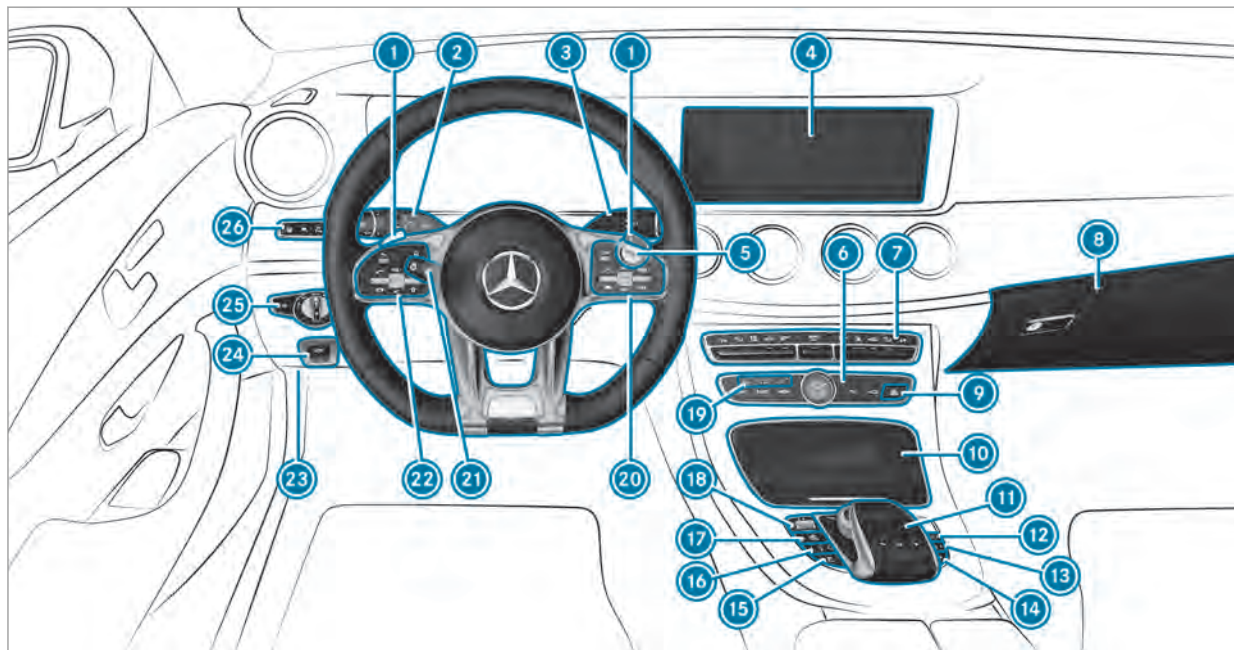
Highest menu level, which is to be selected in the multimedia system



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

*

Marks a cause



①	Steering wheel paddle shifter	→	12	⑩	Stowage compartment		
②	Combination switch			⑪	Control elements for the multimedia system		
③	DIRECT SELECT lever			⑫	AMG Performance exhaust system	→	11
④	Display (multimedia system)			⑬	ECO start/stop function		
⑤	Start/stop button			⑭	Active Parking Assist		
⑥	Control panel for the multimedia system			⑮	Activates/deactivates ESP®	→	14
⑦	Climate control systems				Activates/deactivates SPORT handling mode	→	14
⑧	Glove box			⑯	AMG adaptive sport suspension system (suspension tuning)	→	16
⑨	Hazard warning lights			⑰	Manual gearshifting (permanent setting)	→	12
				⑱	DYNAMIC SELECT switch		
				⑲	PASSENGER AIRBAG indicator lamps		
				⑳	Control panel for the multimedia system		
				㉑	Adjusts the steering wheel		
				㉒	Control panel for the on-board computer		
				㉓	Unlocks the hood		
				㉔	Electric parking brake		
				㉕	Light switch		
				㉖	Control panel for:		
					Active Steering Assist		
					Active Lane Keeping Assist		
					Parking Assist PARKTRONIC		
					Head-up Display		

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 modifications on electronic component parts

Modification of 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 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.

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

- Safety-relevant work
- 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.

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 1,000 miles (1,500 km):

- Drive at varying road speeds and engine speeds.
- Do not drive faster than 85 mph (140 km/h).
- Only briefly allow the engine to reach a maximum engine speed of 4,500 rpm (4,500 rpm).
- Drive the vehicle in drive program **[C]** or **[E]**.
- 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.

Operation of the ECO start/stop function

The engine is switched off automatically in drive programs **[C]** and **[E]** if all vehicle conditions for an automatic engine stop are met in the following situations:

- if you brake the vehicle to a standstill in transmission position **[D]** or **[N]**.
- you engage transmission position **[P]**.
- you depress the brake pedal when driving at speeds below 15 mph (20 km/h).

The needle of the tachometer points to zero in the multifunction display.

The engine is restarted automatically if:

- you release the brake pedal with the transmission in position **[D]** when the HOLD function is not active and the vehicle does not start to move.
- you engage transmission position **[D]** or **[R]**.
- 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 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 and the engine is not restarted. 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.

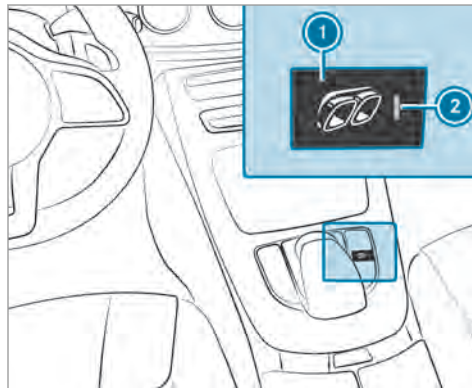
AMG Performance exhaust system

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 the **2** indicator lamps lights up.

DYNAMIC SELECT switch

Function of the DYNAMIC SELECT switch

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

- **E (Eco)**: particularly economical driving style
- **I* (Individual)**: individual settings
- **C (Comfort)**: comfortable and economical driving style
- **S (Sport)**: sporty driving style
- **S+ (Sport Plus)**: particularly sporty driving style

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
- Suspension
- Position of the exhaust gas flaps

- Steering
- Availability of the ECO start/stop function
- Driver assistance systems
- Availability of glide mode

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

- Position of the exhaust gas flaps
- ECO start/stop function
- Suspension
- Manual gearshifting
- ESP®

Displaying dynamic data

Multimedia system:

Vehicle  DYNAMIC SELECT

▶ Select **Dyn. Data**.

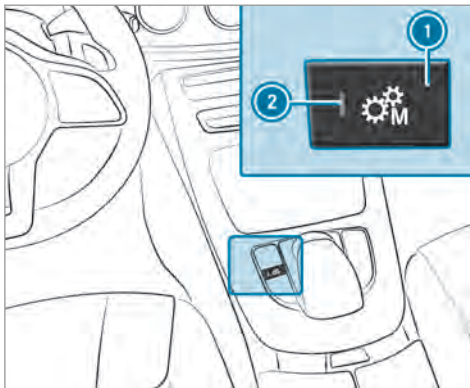
Dynamic data is displayed, e.g.:

- 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.

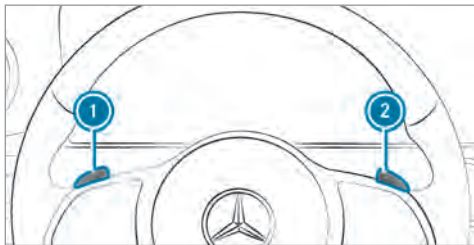
i To permanently shift the gears manually in drive program  using the steering wheel paddle shifters, select the **M** (Manual) setting for the transmission.

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

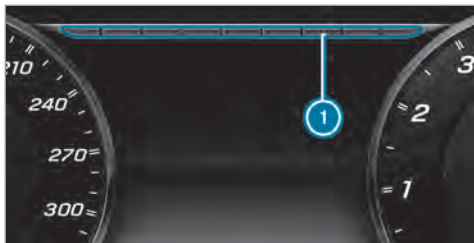
The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

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 is 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.

- ⓘ 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.
- ⓘ 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.


Glide mode function



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

Glide mode is characterized by the following:

- The combustion engine is disconnected from the drivetrain.
- The engine speed corresponds to the idle speed.
- The  symbol appears in the multifunction display.

Glide mode is activated if the following conditions are met:

- The ECO start/stop function is activated.
- Drive program  is selected.
- 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 can also be activated if you have selected the "Eco" setting for the drive in the drive program .

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

When Active Distance Assist DISTRONIC is active, glide mode is not available.

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.
- ⓘ 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.
- ⓘ Spinning the wheels results in a cutting action which provides better grip.

-  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.

AMG adaptive sport suspension system

Function of the AMG adaptive sport suspension system

The AMG adaptive sport suspension system is an air suspension system with variable damping for improved driving 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 "Sport", "Sport Plus", "Comfort" or "Economy"

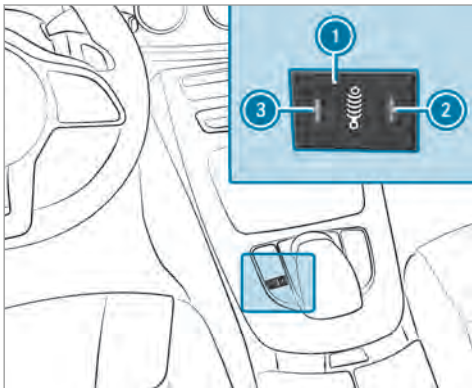
The AMG adaptive sport suspension system includes the following components and functions:

- 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 tuning button

Available suspension tunings

Drive program	Characteristics
C (Comfort) E (Eco)	<ul style="list-style-type: none">• The suspension tuning 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 tuning 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 tuning 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.

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.

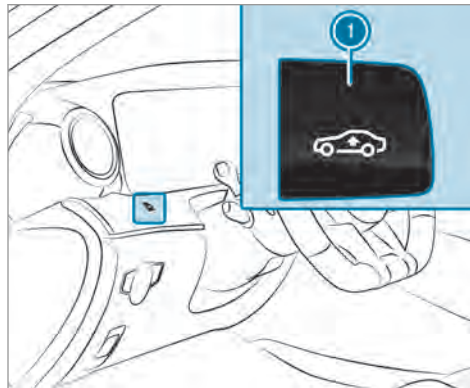
The vehicle can also be lowered after being locked.

- ▶ 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 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:

- **Mercedes-AMG E 53 4MATIC+**: When driving faster than 62 mph (100 km/h).

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

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 will appear on the multifunction display.
- If you switch on the ECO start/stop function and select drive program **C**, the engine electronics switch from eight-cylinder mode to four-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 34).
- You can select the following display content in vehicles with Widescreen Cockpit:
 - Tachometer (classic display setting)
 - Date (progressive display setting)
 - Gear display

- Warm-up
- Track Pace
- G-Meter
- Engine data
- 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 (vehicles without AMG TRACK PACE)
- Engine data



Example: warm-up

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

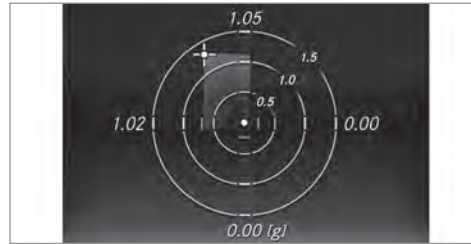
If the engine or transmission is not at operating temperature, the multifunction display shows

temperature ③ or ④ in blue. Avoid using the full engine power output during this time.



Example: SETUP

- ① Drive system setting:
Reduced/Moderate/Sport/Dynamic/Race
- ② Exhaust system:
Balanced/Powerful
- ③ ESP® status:
On/Off/SPORT handling mode
- ④ Transmission position:
D/M
- ⑤ Suspension tuning:
Comfort/Sport/Sport+



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](#)

- ① The RACETIMER function is available only in vehicles without AMG TRACK PACE.

The following functions are possible in RACE-TIMER:

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



- ① Lap
- ② Lap time

RACETIMER 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: 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.

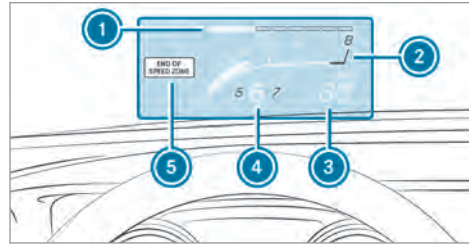
- ▶ Display the statistics of the next lap by swiping up or down on the left-hand Touch Control. The fastest lap is indicated by flashing symbol ①.
- ▶ **To reset:** stop RACETIMER and press the left-hand Touch Control.
- ▶ Select **Reset** and press the left-hand Touch Control. All laps will be deleted.

Function of the Head-up Display

The Head-up Display projects 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.

In vehicles with AMG TRACK PACE, you can display further content depending on the setting, e.g.:

- speed and gear indicator
- lap and sector times
- acceleration and braking
- graphic track layouts


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

-  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.

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

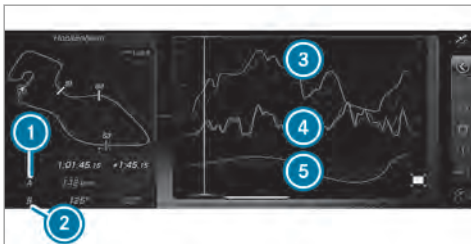
- ▶ Select **Timekeeping**. An overview of nearby tracks appears. The distance and direction to the starting line of the track is displayed.
- ▶ Select the desired track. If you have already driven on this track, you can select a driven time as a reference time.

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.

- ⓘ 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 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 23).

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](#).

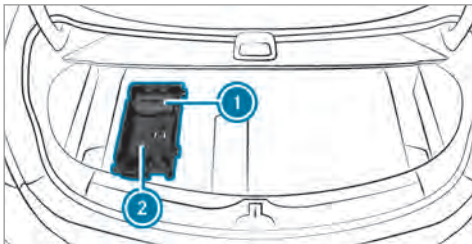
The following information is displayed:

- 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

Operating fluids

Fuel

Notes 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 on the ignition.
- ▶ 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 instruction label in the fuel filler flap (see the vehicle Operator's Manual).

Never refuel using gasoline with an even 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 is available at the following locations:

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

Tank content and fuel reserve**Capacity**

Model	Total capacity
Mercedes-AMG E 53 4MATIC+	17.4 gal (66.0 liters)

Model	Of which reserve
Mercedes-AMG E 53 4MATIC+	1.8 gal (7.0 liters)

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

Model	MB-Freigabe or MB-Approval
Mercedes-AMG E 53 4MATIC+	229.71

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

Capacity

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

Coolant capacity**Capacity**

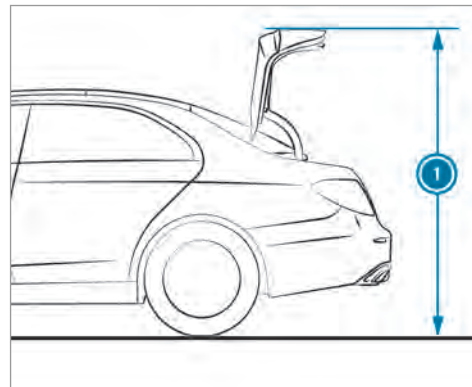
Model	Capacity
Mercedes-AMG E 53 4MATIC+	14.7 US qt (14.0 liters)

Refrigerant filling capacity**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	 Height when opened
Mercedes-AMG E 53 4MATIC+	68.5 in (1740 mm)

Vehicle dimensions

Mercedes-AMG E 53 4MATIC+	
Vehicle length	190.6 in (4842 mm)
Vehicle width including outside mirrors	80.9 in (2055 mm)
Vehicle height	56.3 in (1430 mm)
Wheelbase	113.1 in (2873 mm)
Turning radius	39.7 ft (12.10 m)

Weights and loads

Please note that for the specified vehicle data:

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

Roof load

Mercedes-AMG E 53 4MATIC+	
Maximum roof load	165 lb (75 kg)

Maximum speeds

Missing values were not available at time of going to print.


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

Maximum speeds

Mercedes-AMG E 53 4MATIC+	Maximum speed
1st gear	31 mph (50 km/h)
2nd gear	51 mph (83 km/h)
3rd gear	74 mph (119 km/h)
4th gear	102 mph (164 km/h)
5th gear	137 mph (221 km/h)
6th gear	155 mph (250 km/h)
7th gear	155 mph (250 km/h)
8th gear	
9th gear	

Warning and indicator lamps

Safety systems

Warning/indicator lamp	Possible causes/consequences and ► Solutions
 <p>SPORT handling mode warning lamp</p>	<p>SPORT handling mode is activated while the engine is running. When SPORT handling mode is activated, ESP® only stabilizes the vehicle to a limited extent.</p> <p>▲ WARNING Risk of skidding due to incorrect application of SPORT handling mode</p> <p>When you activate SPORT handling mode, there is an increased risk of skidding and having an accident.</p> <ul style="list-style-type: none"> ► Only activate SPORT handling mode in the circumstances described as follows. <p>► Observe the notes on activating SPORT handling mode (→ page 14).</p>

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