Disclaimer
The following online version of the Owner's Manual describes all models as well as all the standard and optional equipment of your vehicle. Country-specific differences in the language variants are possible. Note that your vehicle may not be fitted with all features described. This is also the case for safety-relevant systems and functions. Please contact your authorised Mercedes-Benz dealer if you would like to have a printed Owner's Manual for other vehicle models and vehicle model years. The online version is the current valid Owner's Manual version. Possible variations to your vehicle may not be taken into account as Mercedes-Benz constantly updates their vehicles and equipment to the state of the art and introduces changes in design and equipment.
Please also read the printed Owner's Manual, any supplementary documents and the digital Owner's Manual in the vehicle.

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Mercedes-Benz



A-Class

Mercedes-AMG Supplement

Mercedes-Benz

Thank you for purchasing a Mercedes-AMG

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

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

- Model
- order
- national version
- availability

The illustrations in this Owner's Manual show a left-hand drive vehicle. On right-hand-drive vehicles, the layout of car parts and control elements differs accordingly.

Mercedes-AMG is constantly developing its vehicles further.

Mercedes-AMG therefore 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 Owner's Manual
- printed Owner's Manual
- service booklet
- equipment-dependent Supplements

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

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In this Owner'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 behaviour 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

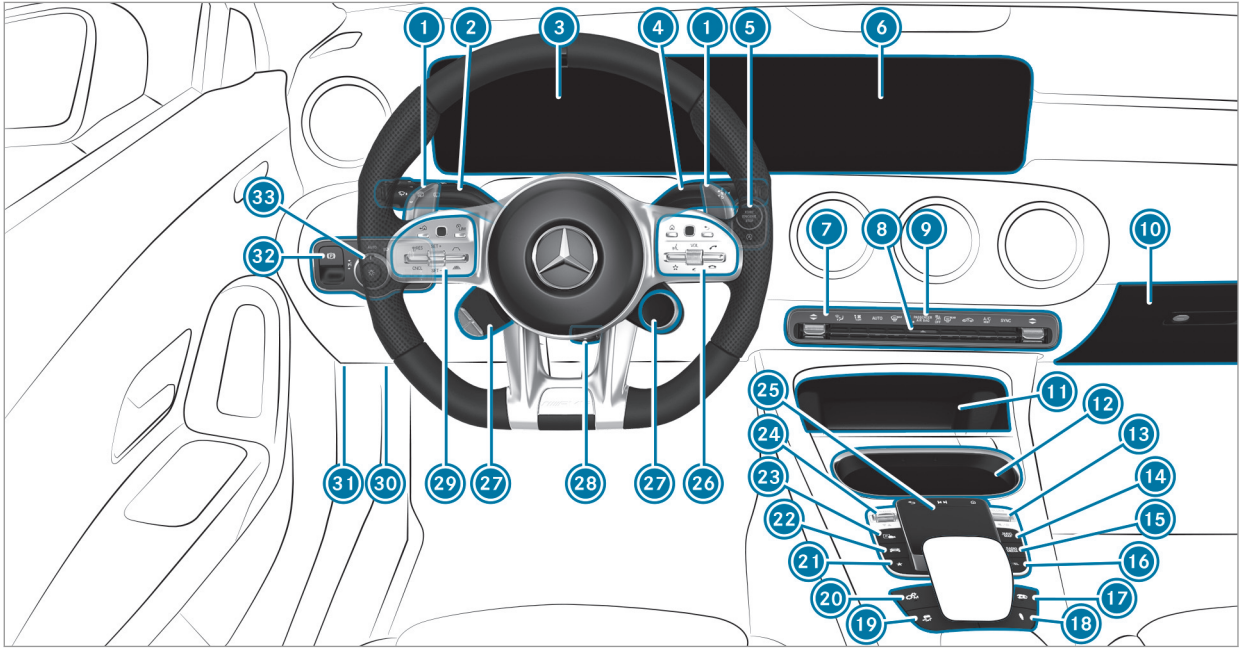
(→ page) Further information on a topic

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



Left-hand drive vehicles

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2 Combination switch
3 Instrument display → 24
4 DIRECT SELECT lever
5 Start/stop button → 11
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6 Media display
7 Climate control systems
8 Hazard warning lights
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Switching the MBUX multimedia system on/off
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29 Control panel:
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- Cruise control or variable limiter
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30 Diagnostics connection

31 Opens the bonnet

32 Electric parking brake

33 Light switch

Owner'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 Owner's Manual. This information supplements or replaces the corresponding sections in the vehicle Owner's Manual. Under no circumstances does the Supplement replace the Owner'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. Note that your vehicle may not be fitted with all features described. 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 a Mercedes-Benz service centre.

The Owner's Manual, the Supplement and the Service Booklet are important documents and should 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.

If you modify the on-board electronics, the general operating permit is rendered invalid.

Observe the "On-board electronics" section in "Technical data" in the vehicle Owner'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, in particular.
- ▶ 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 kerb or an unpaved road
- the vehicle is driven too fast over an obstacle, e.g. a kerb, 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 tyres 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 panelling is damaged, flammable materials such as leaves, grass or twigs can collect between the underbody and the underbody panelling. 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

A qualified specialist workshop has the necessary special skills, tools and qualifications to correctly carry out any necessary work 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 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 centre.

Correct use of the vehicle

If you remove any warning stickers, you or others could fail to recognise 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

Implied 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.

Seat belts

Reduced protection

The AMG sport seat and the AMG Performance seat are designed for the standard three-point seat belt. If you fit a different multipoint seat belt, e.g. sport or racing seat belts, the restraint system cannot provide the intended level of protection.

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

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

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

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

Airbags

Protection offered by the side airbag

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

Driving

Running-in notes

To preserve the engine during the first 1,500 km:

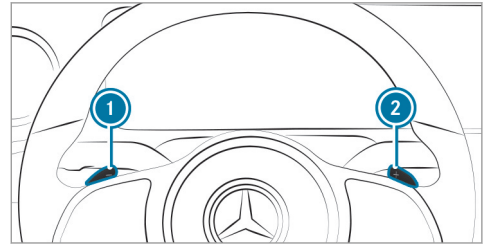
- drive at varying road speeds and engine speeds.
- do not drive faster than 140 km/h.
- allow the engine to reach a maximum engine speed of 4,500 rpm only briefly.
- drive the vehicle in drive program C.
- change gear before the rev counter needle is ⅔ of the way to the red area of the rev counter.
- 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 1,500 km.

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

Please also observe the following running-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 tyres that are either new or have been replaced only achieve optimum braking effect and grip after several hundred kilometres 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 the steering wheel gearshift paddles 1 or 2.
The idle speed is briefly increased upon starting the engine, and in the sporty characteristic the engine sound is reproduced.

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

Operation of the ECO start/stop function

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

- if all vehicle conditions for an automatic engine stop are met.
- you brake the vehicle to a standstill in transmission position D or N.
- you depress the brake pedal when driving at speeds below 20 km/h.

The Ⓐ symbol appears in the multifunction display when the vehicle is stationary. If not all the vehicle conditions are met, the Ⓐ symbol appears in the multifunction display.

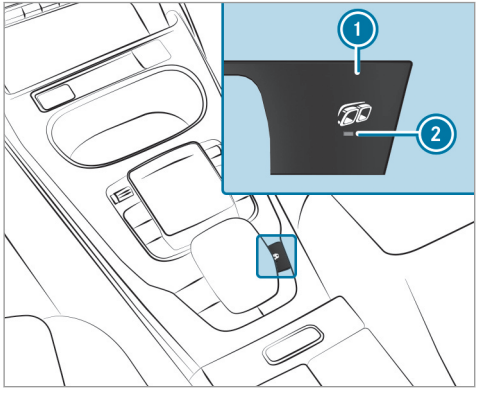
The engine is restarted automatically if:

- you release the brake pedal in transmission position D when the HOLD function is not active.
- You shift from transmission position P.
- you engage transmission position D or R.
- you depress the accelerator pedal.
- you permanently activate manual gearshifting.
- you pull the left-hand steering wheel 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 and the engine is not restarted. The display message Vehicle is operational Switch off ignition before exiting also appears in the multifunction display. If you do not switch off the ignition, the ignition is automatically switched off after one minute.

AMG exhaust system

Operating the AMG 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

ⓘ This chapter describes the function of the DYNAMIC SELECT switch for the **Mercedes-AMG A 35 4MATIC.**

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

- **(Slippery):** optimised 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 C 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
- AMG Dynamics
  - the agility functions are automatically selected depending on the drive program.
  - the steering, shift timing point and stabilisation functions are adapted to the selected drive program.
- suspension
- availability of Glide mode

Function of the DYNAMIC SELECT switch

ⓘ This chapter describes the function of the DYNAMIC SELECT switch for the **Mercedes-AMG A 45 4MATIC and A 45 S 4MATIC.**

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

- **(Slippery):** optimised 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
- **(RACE):** driving like on a race track

The **(RACE)** drive program may not be used on normal roads. **(RACE)** must only be activated and used on dedicated race circuits, not on public roads.

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 and transmission management
  - Active Distance Assist DISTRONIC
- AMG Dynamics
  - the agility functions are automatically selected depending on the drive program.

- the steering, shift timing point and stabilisation functions are adapted to the selected drive program.
- when ESP® is activated, agility function Pro is selected in drive program [RACE] **(RACE)**. The Master function is automatically selected when ESP® is deactivated.

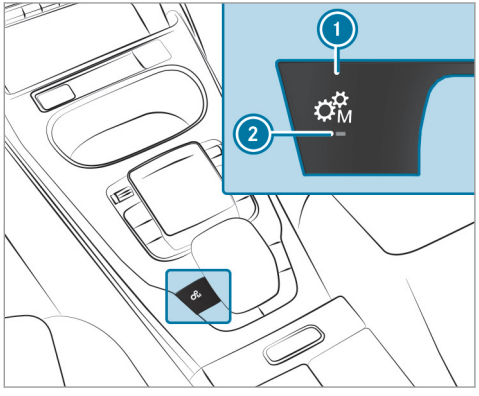
- characteristic of the exhaust system
- suspension
- The [RACE] **(RACE)** drive program has the following properties:
  - the vehicle exhibits driving characteristics suited for the racetrack.
  - all vehicle systems are set for maximum sportiness.
  - the suspension exhibits particularly firm springing and damping settings.
  - glide mode is not available.
  - the sporty characteristic (Powerful) is activated when the exhaust system is activated.

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

- characteristic of the exhaust system
- suspension

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.

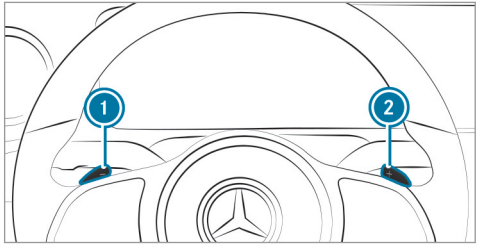
ⓘ To permanently shift the gears manually in drive program [I*] using the steering wheel gearshift paddles, select the **M** (Manual) setting for the transmission.

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

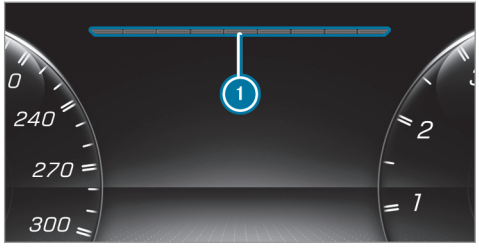
The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

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 rev counter.



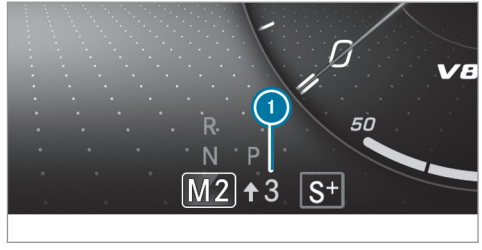
- **To shift up:** pull steering wheel gearshift paddle (2).
- **To shift down:** pull steering wheel gearshift paddle (1).



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.

Using kickdown

- **Maximum acceleration:** depress the accelerator pedal beyond the pressure point.

The automatic transmission shifts up to the next gear when the maximum engine speed is reached to protect the engine from overrevving.

ⓘ If you have activated manual gearshifting with the button in the centre 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 characterised by the following:

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

Glide mode is activated if the following conditions are met:

- the ECO start/stop function is switched on.
- drive program [I*] 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.
- 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 not available.

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 stabilisation. 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 carriageways.
- When braking.
- **Vehicles with trailer hitch:** in trailer operation from speeds of 65 km/h, if the vehicle/trailer combination begins to sway from side to side.
- In strong side winds when you are driving faster than 75 km/h.

ESP® can stabilise 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 stabilises 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.
- **Vehicles with trailer hitch:** stabilisation of the vehicle/trailer combination is no longer active.
- Crosswind Assist is no longer active.

Characteristics when ESP® is deactivated

WARNING Risk of skidding if ESP® is deactivated

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

► 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.

- **Vehicles with trailer hitch:** stabilisation of the vehicle/trailer combination is no longer active.
- Crosswind Assist is no longer active.

ⓘ 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.

ⓘ Spinning the wheels results in a cutting action, which enhances traction.

ⓘ Activate ESP® as soon as the situations described above no longer apply. ESP® will otherwise not be able to stabilise 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

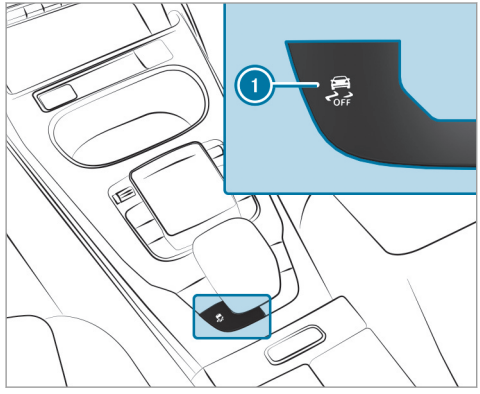
ETS/4ETS (Electronic Traction System)

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 OFF and ESP SPORT warning lamps appear in the instrument cluster.

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

RACE START

Function of RACE START

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

ⓘ RACE START is only available after the vehicle has been run in (→ page 11).

ⓘ RACE START may not be used on normal roads. RACE START must only be activated and used on dedicated race circuits, not on public roads.
Be sure to read the safety notes and information on ESP® (→ page 16).

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

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

Depending on the ESP® mode selected, there is an increased risk of skidding and having an accident.

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

Activating RACE START

Requirements:

- the doors, the bonnet and the tailgate are closed.
- the engine is running and the transmission and engine are at normal operating temperature.
- the steering wheel is in the straight-ahead position.
- the vehicle is on level ground.
- the vehicle is stationary, the brake pedal is depressed (left foot) and the parking brake is released.
- one of the drive programs [S], [S+] or [🏁] is selected (→ page 13).

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

ⓘ If the activation conditions are not fulfilled, RACE START cannot be activated. The RACE START not possible See Owner's Manual message appears in the multifunction display.

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

ⓘ **Mercedes-AMG A 45 4MATIC and A 45 S 4MATIC:** in this phase you can adjust RACE START depending on the road conditions: you can vary the engine speed by pulling on one of the steering wheel gearshift paddles. The segments in the multifunction display flicker rapidly.

ⓘ If the brake pedal is not released after a short while, RACE START is cancelled. The RACE START cancelled message appears in the multifunction display.

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

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

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

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

DRIFT MODE

Functions of DRIFT MODE
DRIFT MODE is available only for the Mercedes-AMG A 45 S 4MATIC model or for vehicles with AMG DYNAMIC PLUS package.

DRIFT MODE enables intentional unstable movement (drifting) and oversteering of the vehicle. All activation conditions must be fulfilled for this (ESP® deactivated, for example).

ⓘ Only a highly qualified and experienced driver should drive in DRIFT MODE.
Be sure to read the safety notes and information on ESP® (→ page 16).

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

When you use DRIFT MODE, ESP® is not available. Individual wheels could spin and you could lose control of the vehicle.

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

▶ Do not use DRIFT MODE on normal roads.

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

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

From a speed of approximately 120 km/h up to 160 km/h DRIFT MODE is continuously deactivated. From a speed of 160 km/h DRIFT MODE is fully deactivated, but ESP® remains switched off. Below a speed of 160 km/h up to approximately 120 km/h DRIFT MODE is continuously activated.

ⓘ DRIFT MODE is only available after the vehicle has been run in (→ page 11).

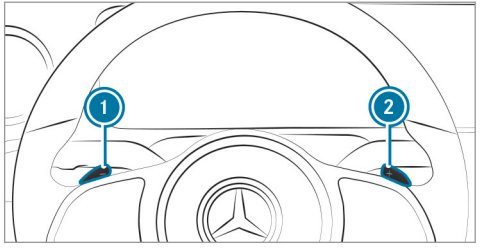
Activating and deactivating DRIFT MODE
Requirements:

- ESP® is deactivated (→ page 18).

- drive program [RACE] **(RACE)** is selected (→ page 13).
- the doors, the bonnet and the tailgate are closed.
- the engine is running and the transmission and engine are at normal operating temperature.
- the transmission is in manual mode – manual shifting is activated (→ page 14).

Activating DRIFT MODE

You can activate DRIFT MODE at a speed of up to 99 km/h.



▶ Pull steering wheel gearshift paddles 1 and 2 and hold for half a second.
If all activation conditions are fulfilled, the multifunction display shows the message DRIFT MODE Confirm: Paddle UP Cancel: Paddle DOWN and the warning lamp [DRIFT] flashes.

▶ **To cancel:** pull the steering wheel gearshift paddle 1.
The multifunction display shows the message DRIFT MODE cancelled and the warning lamp [DRIFT] goes out.

▶ **To confirm:** pull the steering wheel gearshift paddle 2.
The multifunction display shows the message DRIFT MODE active and the warning lamp [DRIFT] lights up.

Deactivating DRIFT MODE

▶ Pull steering wheel gearshift paddles 1 and 2 and hold for half a second.
The message DRIFT MODE active and the warning lamp [DRIFT] go out.

DRIFT MODE is automatically deactivated in the following situations:

- ESP® is activated.
- manual shifting is deactivated – the gearbox is in position [D].
- the drive program [RACE] **(RACE)** is switched off.
- the vehicle is switched off.

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

AMG RIDE CONTROL

Function of AMG RIDE CONTROL

AMG RIDE CONTROL is an electronically controlled damping system for improved driving comfort and increased driving safety.

The damping is adjusted individually to each wheel and depends on the following factors:

- the driving style, e.g. sporty

- the road condition, e.g. bumps
- the drive program selected
- the individual selection of the "Sport", "Sport Plus" or "Comfort" suspension setting

The suspension setting is dependent on the drive program selected via the DYNAMIC SELECT switch.

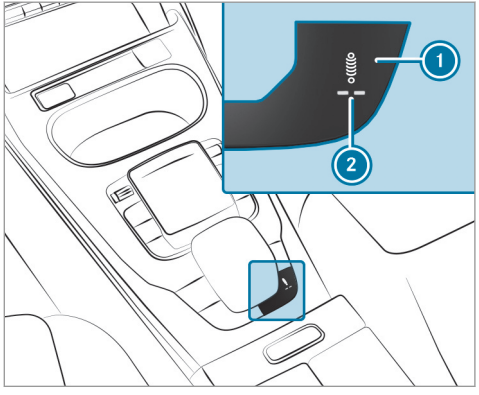
In addition, you can select the mode in every drive program individually via the AMG RIDE CONTROL button in the centre console. After a drive program is changed, the automatic suspension setting of the drive program is reactivated.

AMG RIDE CONTROL, selecting the suspension setting

In "Comfort" mode, the driving characteristics of your vehicle are comfortable. Select this suspension setting if you prefer a comfortable driving style.

"Sport" driving mode ensures a firmer suspension setting. Select this suspension setting when employing a sporty driving style, e.g. on winding country roads.

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



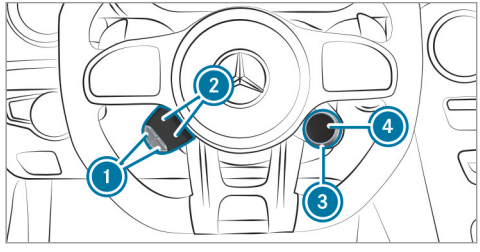
▶ Press button 1 repeatedly until the selected setting is displayed.

Depending on the number of indicator lamps 2 lighting up, the following suspension setting is selected:

- **0** – "Comfort" suspension setting
- **1** – "Sport" suspension setting
- **2** – "Sport Plus" suspension setting

The currently selected suspension setting is shown as a display message in the media display.

Function of the AMG steering-wheel buttons



The AMG steering-wheel buttons are two additional control elements on the steering wheel.

You can assign two vehicle functions of your choice to the left control element. You can change between the available functions by

pressing the display buttons (2) repeatedly. The currently selected functions are displayed in the display buttons (2).

The following functions are available:

- ESP®(→ page 16)
- AMG RIDE CONTROL(→ page 21)
- AMG exhaust system(→ page 12)
- ECO start/stop function (→ page 12)
- manual gearshifting (→ page 14)

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

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

You can change between the drive programs with the stabiliser bar actuator (3). The selected drive program appears in the display button (4). By pressing the display button (4), you can directly access the drive program I **(Individual)** (→ page 13).

Notes on the instrument display and on-board computer

Additional notes regarding your Mercedes-AMG vehicle:

- If you activate manual gearshifting, (→ page 14) the upshift bar will appear on the multifunction or head-up display. In addition, 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 42).

You can select the following display content:

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

AMG TRACK PACE is displayed on the left-hand section of the display. The warm-up, engine data, SETUP and G-meter menus are displayed on the right-hand section of the display.

Calling up displays on the Performance menu

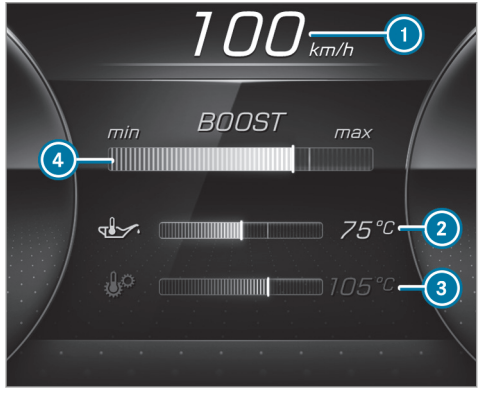
On-board computer:

↴ Performance

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

Displays on the Performance menu:

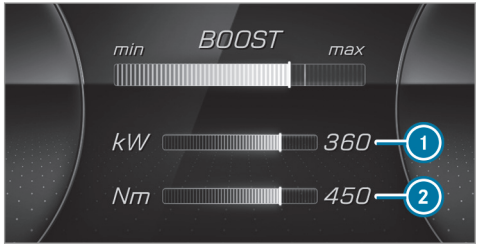
- Warm-up
- Engine data
- SETUP
- G-meter



Warm-up (example)

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

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



Engine data (example)

1 Current power output
2 Current torque

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



SETUP in Mercedes-AMG vehicles (example)

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



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 are represented by red markings.

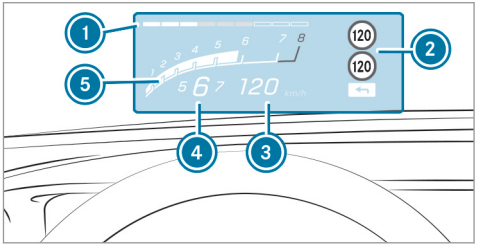
▶ **To reset the G-meter:** press the left-hand Touch Control.
▶ Select Yes.
▶ Press the left-hand Touch Control.

Function of the head-up display

The head-up display projects information above the cockpit into the driver's field of vision, e.g. the speed of the vehicle, information from the navigation system or driver assistance systems and some warning messages.

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

Mercedes-AMG display content



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

Depending on the vehicle's equipment, you can select further AMG displays in addition to the standard displays on the Display content menu.

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

- speed and gear display
- lap and sector times
- acceleration and braking
- track layout graphics

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

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

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

System limits

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

- Seat position
- image position setting
- light conditions
- wet carriageways
- objects on the display cover
- polarisation in sunglasses

ⓘ In extreme sunlight, sections of the display may appear washed out. You can correct this by deactivating and reactivating the head-up display.

AMG TRACK PACE

General information

With AMG TRACK PACE, the driving characteristics on race tracks can be analysed and optimised. 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 analysed and compared to other lap times to achieve the best possible race results. Additionally, acceleration and braking procedures can be measured and stored.

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

Setting Track Race

Multimedia system:

TRACK PACE ⏩ Track Race

Recording a new track

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

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

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

ⓘ The temperature is determined automatically.

- After ending, select ✓ to save the track.
- Enter a name.
- Press OK to confirm.
  The track is saved under the name entered.

Searching by track name

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

Measuring time on a saved track

- Select All tracks .
- Select the desired track.
- Select •••.
- Select Start Race if you are already stood at the starting line.

or

- Select Navigate to for navigation to the starting line.

Timekeeping begins automatically when the starting line has been crossed.

ⓘ When AR is selected, the track display can be switched from 2D to AR.

- Select Stop Race to end timekeeping.

- Confirm the prompt with OK.
- Select the weather.
- Select Save Track to save the times driven for this track.

Showing displays during Track Race

The following displays can be shown:

- tyre temperature
- mini map
- sector overview
- engine data
- G-force display
- lap overview

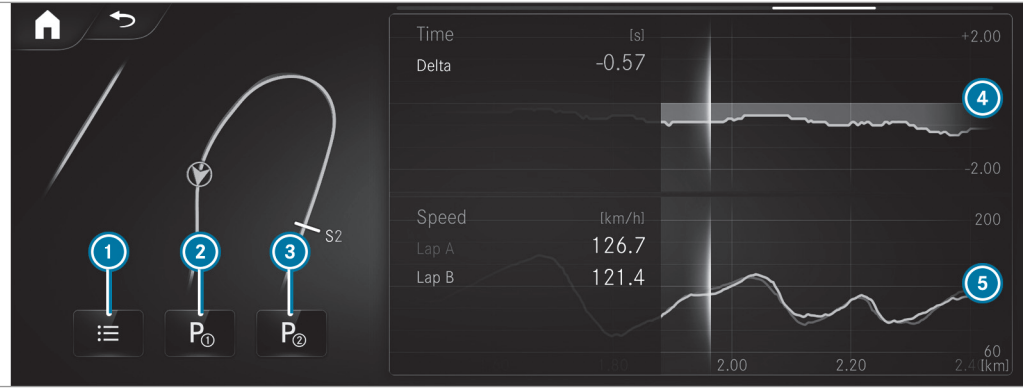
- Select Start Race.
- Select Setup.
- Pull the desired display from the grid on the left or right edge of the media display.
  The displays are shown during the Track Race.

By selecting × on the active display, you can deactivate this.

- Select to return to the navigation map view.

Displaying the analysis

- Select All tracks .
  An overview of all the driven tracks appears.
- Select a track.
- Select a session.
  The following data is displayed:
  - lap and sector times
  - average and maximum permissible speed
  - driver
  - vehicle
  - date
  - weather
- Select Compare record. to use a different session as a reference value.
- Select to return to the overview.
- Select Diagram.
- Set parameters P① and P②.
  The analysis is displayed.



1. lap overview
2. parameter 1
3. parameter 2
4. trajectory of parameter 1 (e.g. time)
5. trajectory of parameter 2 (e.g. speed)

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

- speed
- longitudinal/lateral acceleration
- steering angle
- engine speed
- engine oil/tyre temperature

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

Exporting tracks (USB)

- Select Tracks.
  An overview of all stored tracks appears.
- Select the desired track.
- Select options ••• for the desired track.
- Select Export.
  The selected track can be exported to a USB storage device connected to the vehicle.

Editing tracks and recordings

- Select Tracks.
- Select the desired track.
- Select options for the desired track.
- Select Rename or Delete.

or

- Select a track.
- Highlight the desired recording.
- Select options.
- Select Exporting to... or Delete.

Setting Drag Race

Multimedia system:

→ TRACK PACE ▸▸ Drag Race

Measuring acceleration

- Select Drag mode.
- **Optional:** set a target speed.
  Measurement stops as soon as the specified target speed has been reached.
- Select Acceleration.
- Pull away start the measurement.
  Measurement begins when the vehicle accelerates. Measurement is incremental, in steps of 50 km/h to a maximum of 270 km/h

or

- Select Start.
  A countdown is activated. When the countdown has run out, the measurement starts. After pulling away, the reaction time is displayed. Measurement is incremental, in steps of 50 km/h to a maximum of 270 km/h

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

Quarter-mile race

- Drag mode
- **Optional:** set a target distance.
  Measurement stops as soon as the specified target distance has been reached.
- Select Quarter mile.
- Pull away start the measurement.
  Measurement begins when the vehicle accelerates. Timing runs until the target distance or a maximum of one mile has been travelled.

or

- Select Start.
  Timing runs until the target distance or a maximum of one mile has been travelled.

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

Measuring braking

- Drag mode
- Select Braking.
- Select Start.
  Measurement is incremental, in steps of 10 km/h to a standstill. If the braking procedure is started e.g. at a speed of 157 km/h, measurement starts as soon as 150 km/h has been reached.

Storing and calling up measurement values

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

- Confirm the prompt with to save.

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

Calling up saved measurements

▶ Select History.
▶ Select Acceleration, Quarter Mileor Braking.
▶ Select the desired measurement.
The desired measurement is displayed in detail.

or

▶ Delete the desired measurement.

Calling up the telemetry display

Multimedia system:

TRACK PACE ⏩ Telemetry

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

For example:

- engine speed
- wheel angle
- Speed
- steering angle

▶ Set the desired parameters.
▶ Set the time.
The set parameters are evaluated in the diagram for the time set.

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

Configuring AMG TRACK PACE

Requirements:

To connect a mobile devoice to the TRACK PACE app:

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

Multimedia system:

TRACK PACE ⏩ Options

Connecting a mobile device via the TRACK PACE app

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

▶ Select TRACK PACE App.
Already authorised devices are displayed in the list.
▶ Select AUTHORISE NEW DEVICE.
Available devices are displayed.
▶ Start the TRACK PACE app on the device to be connected and follow the instructions.
▶ Confirm the authorisation prompt.
▶ Enter the code displayed on the device.
The device is authorised.

or

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

Setting the TRACK PACE display in the head-up display

- Select HUD content.
- Activate or deactivate the desired contents. The contents in the Head-up Display are adapted.

ⓘ For further information on the Head-up Display, see (→ page 26).

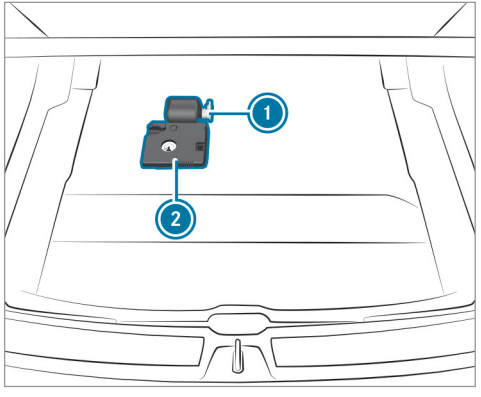
Setting acoustic feedback

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

Flat tyre

TIREFIT kit storage location

The TIREFIT kit is located under the load compartment floor.



1 Tyre sealant bottle
2 Tyre inflation compressor

ⓘ You can find information on the power category (LK) and/or electrical data on the back of the tyre inflation compressor:

- LK2 – 12 V/15 A, 180 W, 0.8 kg

At a distance of approximately 1 m to the tyre inflation compressor and approximately 1.6 m above the ground, the following sound pressure levels apply:

- Emission sound pressure level L_{PA} 83 dB (A)
- Sound power level L_{WA} 91 dB (A)

The tyre inflation compressor is maintenance-free. If there is a malfunction, please contact a qualified specialist workshop.

Overview of the tyre-change tool kit

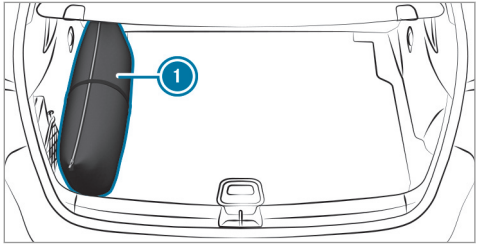
Apart from some country-specific variants, vehicles are not equipped with a tyre-change tool kit. For more information on which tyre-changing tools are required and approved for performing a wheel change on your vehicle, consult a qualified specialist workshop.

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

- Jack
- Chock
- Wheel wrench
- Centring pin

ⓘ The jack weighs approximately 3.4 kg. The maximum load capacity of the jack can be found on the sticker affixed to the jack. The jack is maintenance-free. If there is a malfunction, please contact a qualified specialist workshop.

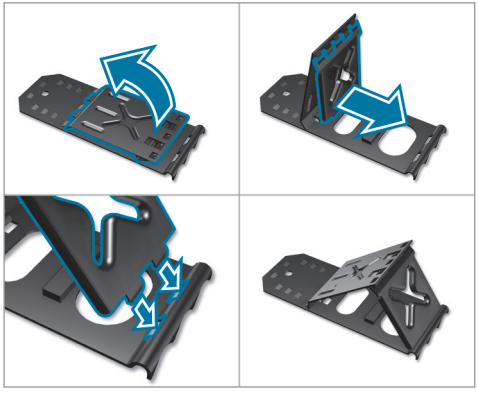
The tyre-change tool kit is located in tool bag ① in the load compartment.



Tool bag contains:

- Jack
- Gloves
- Wheel wrench
- Centring pin
- Folding chock
- Ratchet for jack

Setting up the folding chock



Changing a wheel

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

Vehicles with AMG Driver's Package:

WARNING Risk of accident caused by non-approved tyre types

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

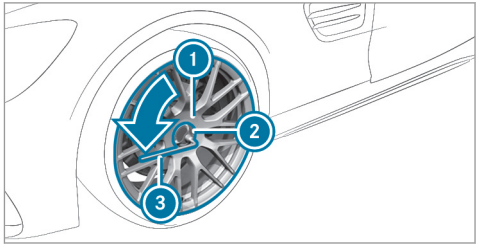
- The tyres do not exhibit the required quality characteristics and are not suitable for high speeds or the relevant driving dynamics.
- The tyres wear unevenly and could, therefore, affect the roadworthiness of the vehicle.
- ABS, ESP® and cruise control operation are restricted.

This can jeopardise road safety.

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

Fitting/removing plastic hub caps

Removing



- Remove socket (2) and wheel wrench (3) from the vehicle tool kit (→ page 34).
- Position socket (2) on hub cap (1).
- Position wheel spanner (3) on socket (2).
- Using wheel spanner (3), turn hub cap (1) anti-clockwise and remove it.

Fitting

- Before fitting, check hub cap (1) and the wheel area for dirt, and clean if necessary.
- Position hub cap (1) and turn until it is in the right position.
- Position socket (2) on hub cap (1).
- Position wheel wrench (3) on socket (2) and tighten hub cap (1).
  Specified tightening torque: 25 Nm.

Operating fluids

Fuel

Information on fuel grades for Mercedes-AMG vehicles

Observe the information on operating fluids in the vehicle Owner'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 using unleaded, sulphur-free fuel that conforms to European EN 228, or an equivalent specification.

Fuel of this specification 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
- regular petrol with an octane number lower than 91 RON
- petrol with more than 10 vol.% ethanol e.g. E15, E20, E85, E100
- petrol with more than 3% methanol by volume, e.g. M15, M30
- petrol with additives containing metal

If you have accidentally refuelled with the wrong fuel:

▶ do not switch the ignition on.

▶ Consult a qualified specialist workshop.

The following compatibility indications for fuel apply to your vehicle:



① For petrol with maximum 5% ethanol by volume

② For petrol with maximum 10% ethanol by volume

According to European standard EN 16942 you can find the compatibility indications at the following locations:

- on the vehicle on the information label in the fuel filler flap (see the vehicle's Operating Instructions).
- on the fuel pump or pump nozzle suitable for your vehicle throughout Europe.

If the available fuel is not sufficiently low in sulphur, this can produce unpleasant odours.

The recommended octane number for your vehicle can also be found on the information label in the fuel filler flap (see the vehicle Owner's Manual).

Only refuel using super unleaded petrol with at least 98 RON if you wish to achieve maximum engine output. Alternatively, you can also refuel using premium grade petrol with at least 95 RON.

In exceptional cases, if the recommended fuel is not available, you may also use regular unleaded petrol with an octane number of at least 91 RON. This may reduce engine output and increase fuel consumption.

Never refuel using petrol with an even lower RON.

Further information on fuel can be obtained at a filling station or a qualified specialist workshop.

Tank content and fuel reserve

Capacity

Model	Total capacity
All models	51.0 litres
Model	**of which reserve fuel**
All models	5.0 litres

Quality and capacity of engine oil

MB-Freigabe or MB-Approval

Model	Engine oil specifications
Mercedes-AMG A 35 4MATIC	229.51, 229.52, 229.61 229.71*
All other models	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.

ⓘ If the engine oils listed in the table are not available, you may add a maximum of 1.0 litre of the following engine oils once only.

Engine oils for one-time filling only in exceptional cases:

- **Mercedes-AMG A 35 4MATIC:** MB-Freigabe or MB-Approval 229.31 or ACEA C3

ⓘ Top up the oil level to the maximum before extreme driving manoeuvres or using race-track mode.

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

Replacement amount

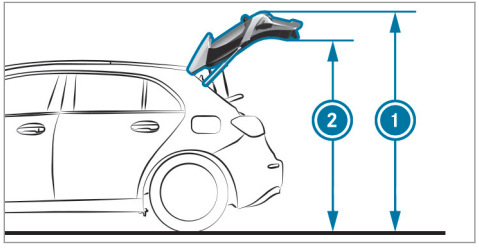
Model	Replacement amount
Mercedes-AMG A 35 4MATIC	5.5 litres
All other models	6.0 litres

Vehicle data

Vehicle dimensions

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

- tyres
- load
- condition of the suspension
- optional equipment



Height when opened and headroom

Model	1 Height when opened	2 Headroom
Mercedes-AMG A 35 4MATIC	1957 mm	1808 mm
Mercedes-AMG A 45 4MATIC	1959 mm	1810 mm
Mercedes-AMG A 45 S 4MATIC	1963 mm	1814 mm

Vehicle dimensions

Mercedes-AMG A 35 4MATIC	
Vehicle length	4436 mm
Vehicle width including outside mirrors	1992 mm
Vehicle width excluding outside mirrors	1791 mm
Vehicle height	1405 mm
Wheelbase	2729 mm
Mercedes-AMG A 45 4MATIC	
Vehicle length	4445 mm
Vehicle width including outside mirrors	1992 mm
Vehicle width excluding outside mirrors	1850 mm

Mercedes-AMG A 45 4MATIC	
Vehicle height	1407 mm
Wheelbase	2729 mm
Mercedes-AMG A 45 S 4MATIC	
Vehicle length	4445 mm
Vehicle width including outside mirrors	1992 mm
Vehicle width excluding outside mirrors	1850 mm
Vehicle height	1412 mm
Wheelbase	2729 mm

Weights and loads

Please observe the following notes for the specified vehicle data:

- Items of optional equipment increase the unladen weight and reduce the payload.
- You will find vehicle-specific weight information on the vehicle identification plate (see the vehicle Owner's Manual).

Roof load

All models	
Maximum roof load	100 kg

Maximum design speeds

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

Maximum design speeds

	Mercedes-AMG A 45 4MATIC Mercedes-AMG A 45 S 4MATIC
1st gear	55 km/h
2nd gear	78 km/h
3rd gear	111 km/h
4th gear	152 km/h
5th gear	218 km/h
6th gear	270 km/h
7th gear	270 km/h
8th gear	270 km/h

Trailer hitch

General notes on the trailer hitch

Modifications to the engine cooling system may be necessary, depending on the vehicle model.

The retrofitting of a trailer hitch is only permissible if a towing capacity is specified in your vehicle documents.

Further information can be obtained at a qualified specialist workshop.

Towing capacity

The tongue weight is not included in the towing capacity.

Towing capacity, braked (at a minimum start-off gradeability of 12%)

Model	Towing capacity
Mercedes-AMG A 35 4MATIC	1800 kg
All other models	1500 kg

Towing capacity, unbraked

Model	Towing capacity
All models	750 kg

Maximum tongue weight

NOTE Damage caused by the trailer coming loose

If the tongue weight used is too low, the trailer may come loose.

- The tongue weight must not be below 50 kg.
- Use a tongue weight that is as close as possible to the maximum permissible tongue weight.

Tongue weight

Model	
All models	80 kg

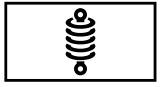
Permissible rear axle load (trailer operation)

Axle load

Model	Axle load
Mercedes-AMG A 35 4MATIC	1045 kg
All other models	1065 kg

Display messages

Driving systems

Display messages	Possible causes/consequences and ▶ Solutions
RACE START not possible See Owner's Manual	* Possible causes: • the conditions for activation are not met (→ page 19).
RACE START cancelled	* Possible causes: • you released the accelerator pedal during RACE START. • you depressed the brake pedal during RACE START. You can try RACE START again at the next start.
DRIFT MODE currently unavailable See Owner's Manual	* Possible causes: • The activation conditions have not been fulfilled (→ page 20).
 Fault Drive at max. 80 km/h	* AMG RIDE CONTROL is malfunctioning. The vehicle's handling characteristics may be affected. ▶ Do not drive at speeds greater than 80 km/h. ▶ Consult a qualified specialist workshop.

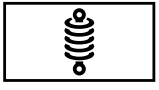
Warning and indicator lamps

Driving safety systems

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 ESP® OFF warning lamp	The yellow ESP® OFF warning lamp is lit while the engine is running. *ESP® is deactivated. ⚠ **WARNING** Risk of skidding when driving with ESP® deactivated If ESP® is deactivated, ESP® cannot carry out vehicle stabilisation. The availability of further driving safety systems is also limited. ▶ Drive on carefully. ▶ Only deactivate ESP® for as long as the situation requires. If ESP® cannot be activated, ESP® is malfunctioning. ▶ Have ESP® checked immediately at a qualified specialist workshop. ▶ Observe the notes on deactivating ESP® (→ page 16).
 ESP® SPORT warning lamp	ESP® SPORT is activated while the engine is running. *When ESP® SPORT is activated, ESP® will stabilise the vehicle only to a limited extent.

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
	⚠ 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. ▶ Observe the notes on activating ESP® SPORT(→ page 16).
DRIFT DRIFT warning lamp	DRIFT MODE is activated while the engine is running. * **⚠ WARNING** Risk of skidding and having an accident from wheels spinning When you use DRIFT MODE, ESP® is not available. Individual wheels could spin and you could lose control of the vehicle. There is an increased risk of skidding and having an accident. ▶ Do not use DRIFT MODE on normal roads. ▶ DRIFT MODE may only be activated and used on closed race circuits, not on public roads. ▶ Make sure that no persons or obstacles are in the close vicinity of your vehicle. ▶ Observe the notes on activating DRIFT MODE (→ page 20).

Driving systems

Warning/indicator lamp	Possible causes/consequences and ▶ Solutions
 Suspension warning lamp	The yellow AMG RIDE CONTROL warning lamp is lit. * There is a fault in the AMG RIDE CONTROL. ▶ Note the messages on the multifunction display.

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

https://www.mercedes-benz.com

https://www.daimler.com

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