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Mercedes-AMG Supplement

Mercedes-Benz



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Documentation team

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Vehicle manufacturer

Mercedes-Benz AG

Mercedesstraße 120

70372 Stuttgart

Germany

As at 09.12.19

Thank you for purchasing a Mercedes-AMG

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

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

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

- Model
- Order
- National version
- Availability

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

- Design
- Equipment

- Technical features

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

The following documents are integral parts of the vehicle:

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

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

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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.

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

▶ Instruction

(→ page) Further information on a topic

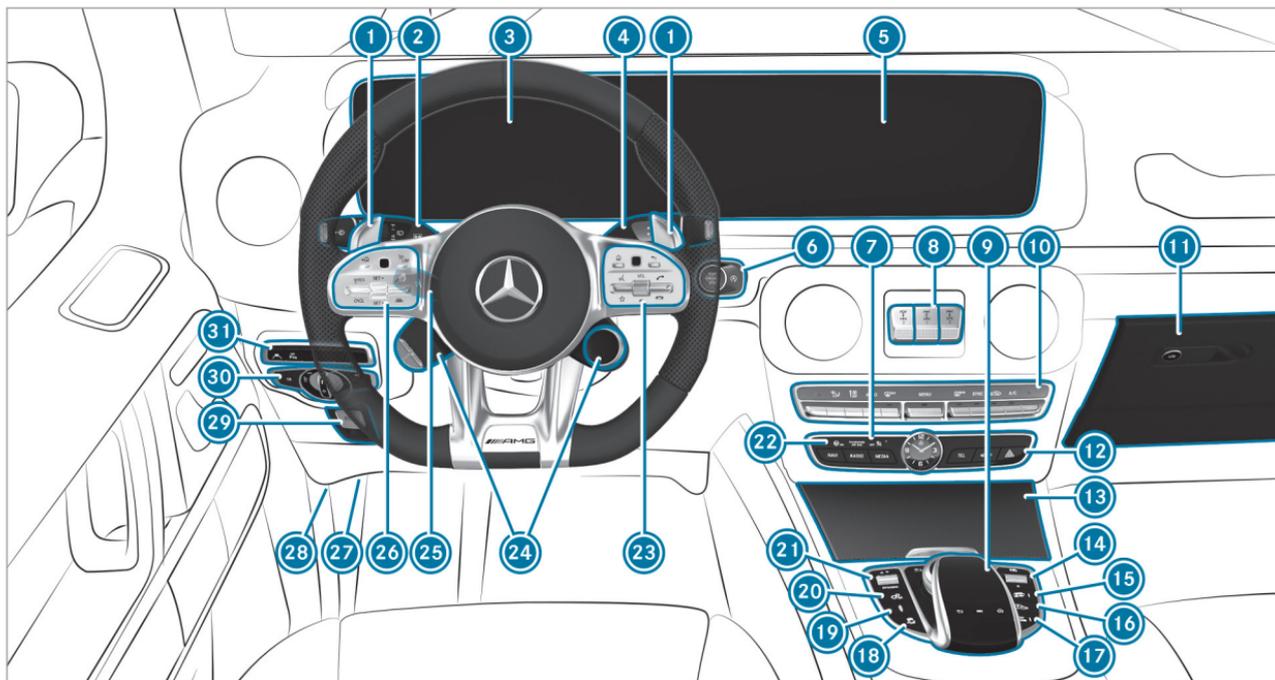
Display Information on the multifunction display/media display

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

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

* Indicates a cause

4 At a glance – Cockpit



Left-hand-drive vehicles

| | | | | | |
|--|---|----|--|---|----|
| ① Steering wheel gearshift paddles | → | 13 | ⑮ AMG performance exhaust system | → | 11 |
| ② Combination switch | | | ⑯ Active Parking Assist | | |
| ③ Instrument display | → | 20 | ⑰ LOW RANGE off-road gear | | |
| ④ DIRECT SELECT lever | | | ⑱ Activating/deactivating ESP® | → | 14 |
| ⑤ Media display | | | ⑲ AMG adaptive sport suspension system | → | 17 |
| ⑥ Start/stop button | | | ⑳ Manual gearshifting | → | 13 |
| ECO start/stop function | → | 10 | ㉑ DYNAMIC SELECT switch | → | 12 |
| ⑦ PASSENGER AIR BAG indicator lamps | | | ㉒ Calls up the main functions of the multimedia system | | |
| ⑧ Activate/deactivate the differential locks | | | ㉓ Control panel for the multimedia system | | |
| ⑨ Touchpad | | | ㉔ AMG steering-wheel buttons | → | 19 |
| ⑩ Climate control systems | | | ㉕ Adjusts the steering wheel | | |
| ⑪ Glove box | | | Switches the steering wheel heater on/off | | |
| ⑫ Hazard warning light system | | | ㉖ Control panel: | | |
| ⑬ Storage compartment | | | On-board computer | → | 20 |
| ⑭ Controller for volume and switching sound on/off | | | Cruise control | | |
| Switches the multimedia system on/off | | | Active Distance Assist DISTRONIC | | |

6 At a glance – Cockpit

27 Diagnostics connection

28 Opens the hood

29 Electric parking brake

30 Light switch

31 Control panel for:

Active Lane Keeping Assist

Parking Assist PARKTRONIC

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

To avoid malfunctions or system failures:

- ▶ Always have the prescribed service and 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 or safety-relevant systems.

This can endanger the operating safety of the vehicle.

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

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

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

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

- ▶ When driving on unpaved roads or off-road, regularly check the vehicle underside.
- ▶ Remove trapped plants or other flammable material, 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 curb or an unpaved road
- The vehicle is driven too fast over an obstacle, e.g. a curb, speed bump or pothole
- A heavy object strikes the underbody or chassis components

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

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

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

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

or

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

Qualified specialist workshop

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

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

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

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

Mercedes-AMG recommends a Mercedes-Benz service center.

Correct use of the vehicle

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

Observe the following information in particular when driving your vehicle:

- the safety notes in this manual

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

Limited Warranty

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

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

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

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

Driving

Breaking-in notes

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

- drive at varying road speeds and engine speeds.
- do not drive faster than 85 mph (140 km/h).
- allow the engine to reach a maximum engine speed of 4,500 rpm (4,500 rpm) only briefly.
- drive the vehicle in drive program **[C]**.
- change gear before the tachometer needle is $\frac{2}{3}$ of the way to the red area of the tachometer.
- do not shift down a gear manually in order to brake.
- avoid overstraining the vehicle, e.g. driving at full throttle.
- do not depress the accelerator pedal past the pressure point (kickdown).
- only increase the engine speed gradually and accelerate the vehicle to full speed after 1,000 miles (1,500 km).

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

Please also observe the following breaking-in notes:

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

Operation of the ECO start/stop function

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

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

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

- you stop behind a vehicle that is pulling away.
 - you stop at a stop sign when there is no vehicle in front of you.
 - you turn the steering wheel hard at a low speed.
- (i)** In transmission position **[R]**, the engine is not switched off automatically even when the HOLD function is switched on.

The engine is restarted automatically if:

- you release the brake pedal in transmission position **[D]** when the HOLD function is not active and the vehicle does not start to move.
- you shift from transmission position **[P]**.
- you release the brake pedal and the vehicle starts to move on a gentle downhill gradient at a speed below 3 mph (5 km/h).
- you depress the accelerator pedal.

- you permanently activate manual gearshifting.
- you pull the left-hand steering wheel gearshift paddle.
- an automatic engine start is required by the vehicle.

If the engine was switched off by the ECO start/stop function and you leave the vehicle, a warning tone sounds. In addition, the **Vehicle Ready to Drive Switch the Ignition Off Before Exiting** message appears in the multifunction display. If you do not switch off the ignition, the ignition is automatically switched off after one minute.

AMG Performance exhaust system

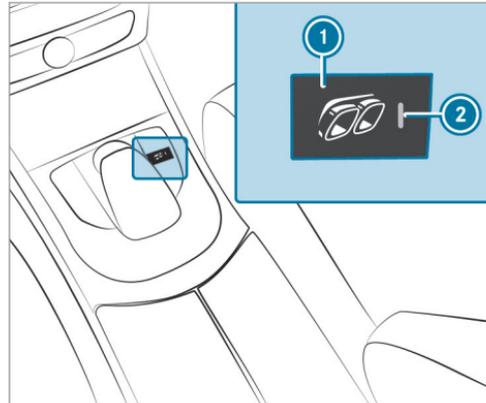
Function of the AMG Performance exhaust system

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

- Closed exhaust gas flaps: comfort characteristic (balanced)

- Open exhaust gas flaps: sporty characteristic (powerful)

Operating the AMG Performance exhaust system



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

Information on the AMG high performance brake system

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

The noise depends on the following factors:

- Speed
 - Brake force
 - Environmental conditions, e.g. temperature and air humidity
- ① Have the brake system checked at a qualified specialist workshop after it has been subjected to extreme loads.

DYNAMIC SELECT switch

Function of the DYNAMIC SELECT switch

Function of the on-road drive programs

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

-  **(Slippery)**: optimized pulling away and driving characteristics in wintry and slippery road conditions
-  **(Individual)**: individual setting of drive, suspension, steering and ECO start/stop function
-  **(Comfort)**: comfortable and economical driving by shifting up early and the ECO start/stop function
-  **(Sport)**: sporty driving, optimized shift points and more direct handling
-  **(Sport +)**: especially sporty driving, acoustic signal when shifting down, optimal switching times and quicker pulling-away

The  drive program is recommended in city traffic and stop-and-go traffic.

-  The  drive program is always automatically active after the vehicle is restarted.

Function of the off-road programs

If the differential locks for the transfer case are engaged, the vehicle changes automatically to the drive program  **(Trail)**.

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

-  **(Sand)**: tight suspension and steering setting, optimized for driving on sand
-  **(Trail)**: comfortable suspension and steering setting, optimized for driving on unpaved roads and loose ground
-  **(Rock)**: tight suspension tuning and comfortable steering setting, optimized for driving in difficult terrain and on hard, rocky ground

-  You can switch between the drive programs only in the order given above. You cannot switch directly between **Sand** and **Rock**.

Disengage all differential locks to return to the on-road drive programs.

-  See the vehicle Operator's Manual for further information on the function and operation of the differential locks.

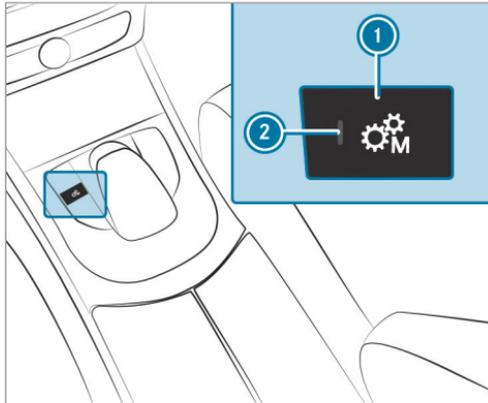
Depending on the drive program selected, the following vehicle characteristics will change:

- Drive (engine management)
 - Transmission management
 - ESP®
 - Suspension
 - Position of the exhaust gas flaps
 - Steering
 - Availability of the ECO start/stop function
 - Driver assistance systems
 - Availability of glide mode
-  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
 - ESP®
 - Suspension

- Manual gearshifting

Automatic transmission

Manual gearshifting



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

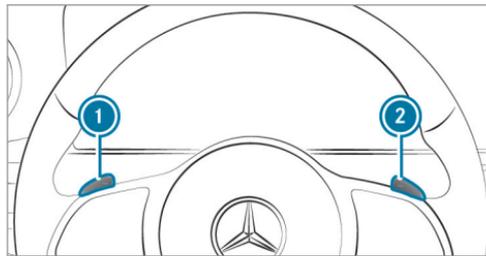
- ① To permanently shift the gears manually in drive program **[1*]** using the steering wheel gearshift paddles, select the **M** (Manual) setting for the transmission.

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

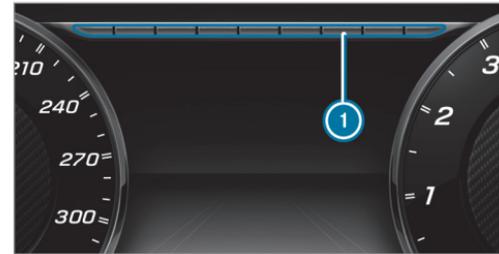
The automatic transmission does not shift up in manual mode even when the engine's limiting speed is reached.

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

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



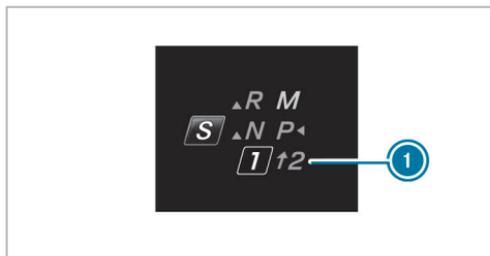
- ▶ **To shift up:** pull steering wheel gearshift paddle ②.
- ▶ **To shift down:** pull steering wheel gearshift paddle ①.



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

Gearshift recommendation

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



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

Using kickdown

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

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

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

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 and the vehicle continues to roll.
- The  symbol appears in the multifunction display.

Glide mode is activated if the following conditions are met:

- The ECO start/stop function is switched on.
- Drive program  is selected with the drive setting "Moderate".
- The speed is within a suitable range.
- The road's course is suitable, e.g. no steep uphill or downhill inclines or tight curves.

- You are no longer depressing the accelerator or brake pedal.

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

Driving and driving safety systems

Functions of ESP® (Electronic Stability Program)

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

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

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

You can select between the following modes of ESP®:

- ESP® ON
- ESP® SPORT

- ESP® OFF

Characteristics when ESP® is activated

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

- When pulling away on a wet or slippery road.
- When braking.
- **Vehicles with trailer hitch:** in trailer operation from speeds of 40 mph (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 47 mph (75 km/h).

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

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

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

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

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

Characteristics of ESP® SPORT

 **WARNING** Risk of skidding if ESP® SPORT is used incorrectly

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

- ▶ Activate ESP® SPORT only in the circumstances described below.

When ESP® SPORT is activated, the  and  warning lamps light up continuously in the instrument cluster.

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

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

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

ESP® SPORT also has the following characteristics:

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

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

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- ESP® continues to provide assistance when the brakes are firmly applied.
- **Vehicles with trailer hitch:** stabilization 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 stabilization.

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

When ESP® is deactivated, the  and  warning lamps 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:** stabilization of the vehicle/trailer combination is no longer active.
 - Crosswind Assist is no longer active.
- ① 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.
- ① Spinning the wheels results in a cutting action, which enhances traction.
 - ① Activate ESP® as soon as the situations described above no longer apply. ESP® will otherwise not be able to stabilize the vehicle if the vehicle starts to skid or a wheel starts to spin.

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

Observe any information which may be displayed in the instrument cluster:

- Indicator and warning lamps
- Display messages

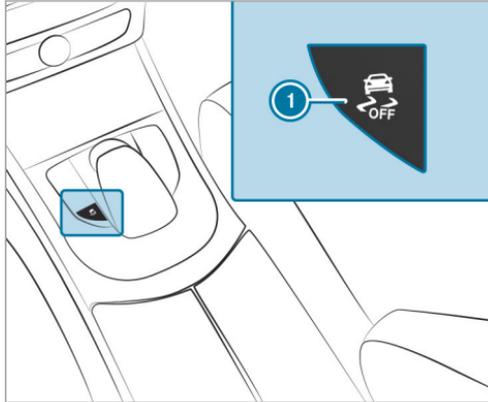
ETS/4ETS (Electronic Traction System)

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

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

- The drive wheels are braked individually if they spin.
- More drive torque is transferred to the wheel or wheels with traction.

Activating/deactivating ESP® (Electronic Stability Program)



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

- ▶ **To deactivate ESP®:** press and hold button ① until the  and  warning lamps appear in the instrument cluster.

- ▶ **To activate ESP®:** Briefly press switch ①. The ,  and  warning lamps go out.

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

AMG adaptive sport suspension system

Function of AMG adaptive sport suspension system

AMG adaptive sport suspension system is a variable adjustable damping for improved driving characteristics and ensures the best possible suspension, even with a laden vehicle. The damping is adjusted depending on the drive program selected and can also be adjusted manually.

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

- Driving style, e.g. sporty

- Road condition, e.g. bumps
- The damper setting or drive program selected

AMG adaptive sport suspension system comprises the following components:

- Steel suspension
- Three damper settings: **COMFORT**, **SPORT** and **SPORT+**
- Adaptive Damping System with constant damping force adjustment
- DYNAMIC SELECT switch
- Suspension setting button

Suspension settings of the drive programs

Drive programs  and :

- The suspension and steering settings are comfortable.

Drive programs  and :

- The suspension and steering settings are firmer and optimized for sporty driving.

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Drive program :

- The suspension and steering settings are individually adapted.

Drive program :

- The suspension and steering settings are firmer and optimized for driving on sand.

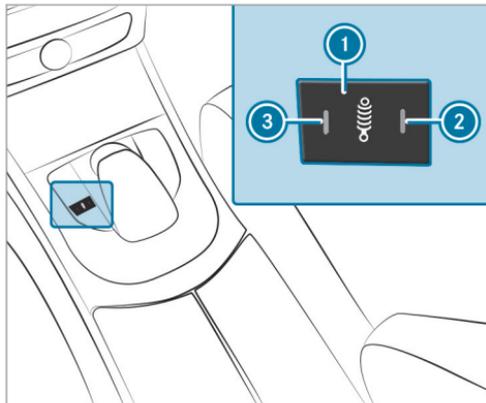
Drive program :

- The suspension and steering settings are comfortable and optimized for driving on unpaved roads and loose ground.

Drive program :

- The suspension is firmer and the steering settings are comfortable.
- The suspension and steering settings are optimized for driving in difficult terrain and on hard, rocky ground.

Selecting the setting for the AMG adaptive sport suspension system



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

The driving characteristics of your vehicle are comfortable.

- ▶ **SPORT damper setting:** press button ① repeatedly until indicator lamp ③ lights up. The **AMG Suspension System SPORT** message appears in the multifunction display.

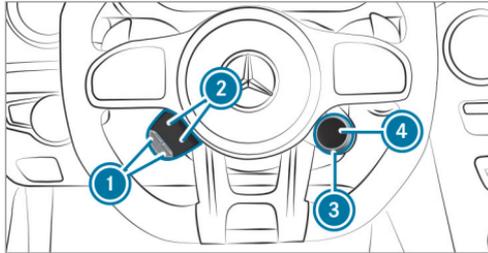
The suspension is adapted to be firmer.

- ▶ **SPORT+ damper setting:** press button ① repeatedly until indicator lamps ② and ③ light up.

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

The suspension is adapted to be very firm.

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 display buttons ② repeatedly. The currently selected functions are displayed in display buttons ②.

The following functions are available:

- ESP® (→ page 14)

- AMG adaptive sport suspension system (→ page 17)
- AMG Performance exhaust system (→ page 11)
- ECO start/stop function (→ page 10)
- Manual gearshifting (→ page 13)

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

The assignment of display button 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 stabilizer bar actuator ③. The selected drive program appears in display button ④. By pressing display button ④, you can directly access the drive program **Individual** (→ page 12).

Notes on the Instrument Display and on-board computer

Additional notes regarding your Mercedes-AMG vehicle:

- If one of the following drive programs has been selected, the engine electronics switches from 8-cylinder mode to 4-cylinder mode if necessary:
 -  **(Slippery)**
 -  **(Comfort)**
 -  **(Individual)** – with the "Moderate" or "Reduced" drive setting

The multifunction display will show the  symbol in the status area.

- **Indicator and warning lamps:** the vehicle is also equipped with ESP® OFF  and  warning lamps (→ page 32).
- You can select the following display content:
 - Tachometer (classic display setting)
 - Date (progressive display setting)
 - Gear display

- Warm-up
- G-meter
- Engine data
- Trip computer
- Navigation

Calling up displays on the Performance menu

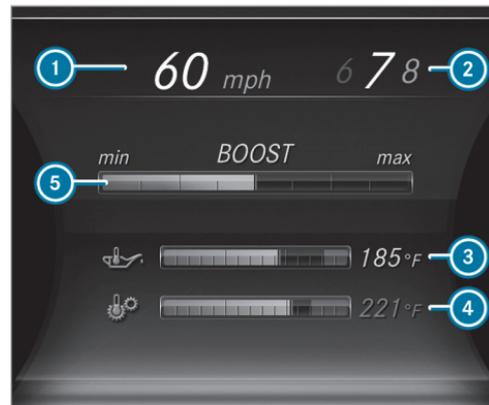
On-board computer:

 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
- RACE TIMER
- Engine data



Warm-up (example)

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

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

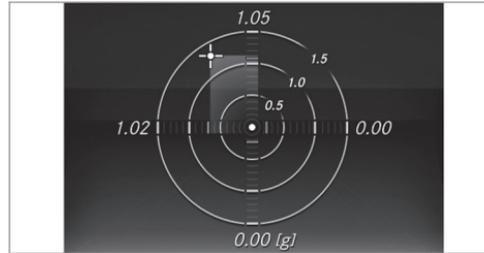
will show temperature ③ or ④ in blue. Avoid using the full engine power output during this time.



SETUP (example)

- ① Drive system setting:
Reduced/Moderate/Sport/Dynamic/Race
- ② AMG Performance exhaust system:
Balanced/Powerful
- ③ ESP® status:
On/Off/SPORT
- ④ Transmission position:
D/M

- ⑤ Suspension tuning:
COMFORT/SPORT/SPORT+



G-meter (example)

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

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

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



Engine data (example)

- ① Current power output
- ② Current torque

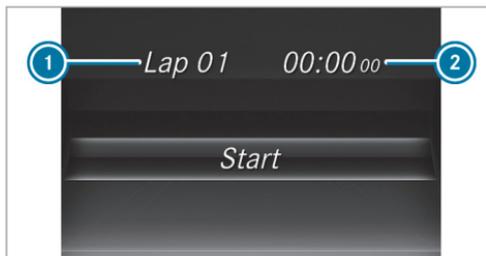
Displaying and starting RACE TIMER on the Performance menu

On-board computer:

→ Performance

The following functions are possible in RACE TIMER:

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

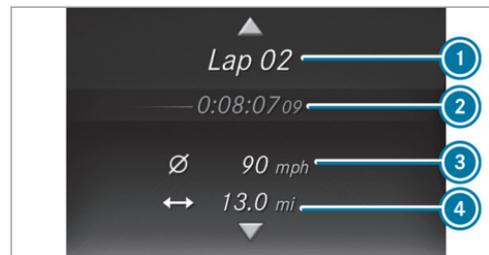


- ① Lap
- ② Lap time

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

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

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



RACE TIMER (example)

- ① Lap
 - ② Elapsed time
 - ③ Average speed
 - ④ Distance covered
- ▶ **To display the lap statistics:** after at least two stored laps, press the left-hand Touch Control.

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

Changing a wheel

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

Vehicles with AMG Driver's Package:

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

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

- The tires are not suitable for high speeds and the corresponding driving dynamics.
- The tires wear unevenly and affect the roadworthiness of the vehicle.
- ABS, ESP[®] and cruise control operation are restricted.

This can jeopardize road safety.

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

Operating fluids

Fuel

Notes on fuel grades for Mercedes-AMG vehicles

Observe the information on service products 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 gasoline.

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

Never refuel with one of the following fuels:

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

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

If you have accidentally refueled with the wrong fuel:

- ▶ do not switch the ignition on.
- ▶ Consult a qualified specialist workshop.

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

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

As a temporary measure, if the recommended fuel is not available, you may also use unleaded regular gasoline. Octane number on the vehicle on the information label in the fuel filler flap (see the vehicle's Operator's Manual). This may reduce engine output and increase fuel consumption.

Never refuel using gasoline with an even lower RON.

! NOTE Premature engine wear through unleaded regular gasoline

Impairment of the longevity and performance of the engine.

If unleaded premium grade gasoline is unavailable and you have to refuel using unleaded regular gasoline:

- ▶ Only fill the fuel tank to half full with unleaded regular gasoline and refill as soon as possible with unleaded premium grade gasoline.
- ▶ Do not drive at the maximum design speed.
- ▶ Avoid sudden acceleration and engine speeds over 3000 rpm.

Further information on fuel is available at the following locations:

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

Tank content and reserve fuel**Capacity**

| Model | Total capacity |
|-------------------|-------------------------|
| Mercedes-AMG G 63 | 26.4 gal (100.0 liters) |
| Model | of which reserve fuel |
| Mercedes-AMG G 63 | 3.2 gal (12.0 liters) |

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

| Model | MB-Freigabe or MB-Approval |
|-------------------|----------------------------|
| Mercedes-AMG G 63 | 229.5*, 229.51 |

* 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.

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

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

| Model | Capacity |
|-------------------|-------------------------|
| Mercedes-AMG G 63 | 10.0 US qt (9.5 liters) |

Coolant capacity**Capacity**

| Model | Capacity |
|-------------------|---------------------|
| Mercedes-AMG G 63 | 14.5 US qt (13.7 l) |

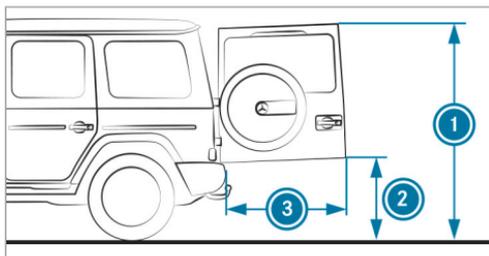
Refrigerant filling capacity**Filling capacity for refrigerant and PAG oil**

| Model | Refrigerant |
|-------------------|-------------------------------|
| Mercedes-AMG G 63 | 24.2 ± 0.4 oz (685 ± 10 g) |
| Model | PAG oil |
| Mercedes-AMG G 63 | 2.8 ± 0.4 oz (80 ± 10 g) |

Vehicle data**Vehicle dimensions**

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

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



Range of movement

Mercedes-AMG G 63

| | |
|--------------------------|----------------------|
| ① Distance to top edge | 76.1 in (1934 mm) |
| ② Distance to lower edge | 29.1 in (740 mm) |
| ③ Range of movement | 43.8 in (1088 mm) |

Vehicle dimensions

Mercedes-AMG G 63

| | |
|---|-----------------------|
| Vehicle length | 191.8 in (4873 mm) |
| Vehicle width including outside mirrors | 86.1 in (2187 mm) |
| Vehicle height | 77.4 in (1966 mm) |
| Wheelbase | 113.8 in (2890 mm) |
| Turning radius | 44.3 ft (13.5 m) |
| Minimum ground clearance | 9.3 in (238 mm) |

Weights and loads

Bear in mind that items of optional equipment increase the curb weight and reduce the payload.

Vehicle data for off-road driving

Fording depth

! **NOTE** Damage caused by water when fording

In the following cases water can penetrate into the engine compartment and vehicle interior:

- The maximum permissible fording depth is exceeded when driving through standing water.
 - When driving through the water a bow wave forms.
 - Water accumulates when driving through running water.
- ▶ Do not exceed the maximum permissible fording depth and drive slowly through the water.

The specified value indicates the maximum permissible fording depth for vehicles that are ready to drive. It applies to slow driving through standing water.

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Driving through flowing water reduces tire traction. The permissible fording depth is then correspondingly lower.

Observe the notes on off-road driving and fording in the vehicle Operator's Manual.



Model

1 Fording depth

Mercedes-AMG G 63

27.5 in (700 mm)

Angle of approach/departure

The specified values are maximum values for vehicles that are ready to drive.

Observe the notes on driving in mountainous terrain in the vehicle Operator's Manual.



Model

1 Front

2 Rear

Mercedes-AMG
G 63

27°

29.6°

Maximum gradient climbing ability

The vehicle's gradient climbing ability depends on the weight distribution in the vehicle, the terrain conditions and the road surface conditions.

The specified value applies under the following conditions:

- The vehicle is ready to drive

- The **LOW RANGE** off-road gear of the transfer case is engaged
- The road surfaces conditions and thus the traction are good

A gradient climbing ability of 100% corresponds to an incline of 45°.

Observe the notes on driving in mountainous terrain in the vehicle Operator's Manual.

Model

Maximum gradient climbing ability

Mercedes-AMG G 63

100%

Maximum speeds

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

Maximum speeds

| Gear | Mercedes-AMG G 63 |
|----------|--------------------|
| 1st gear | 33 mph (53 km/h) |
| 2nd gear | 55 mph (89 km/h) |
| 3rd gear | 79 mph (128 km/h) |
| 4th gear | 110 mph (177 km/h) |
| 5th gear | 148 mph (238 km/h) |
| 6th gear | 149 mph (240 km/h) |
| 7th gear | 149 mph (240 km/h) |

Trailer hitch

General notes on the trailer hitch

The installation 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.

Permissible trailer load

The tongue weight is not included in the towing capacity.

Permissible towing capacity, braked (at a minimum start-off gradeability of 8%)

| Model | Permissible towing capacity, braked |
|-------------------|-------------------------------------|
| Mercedes-AMG G 63 | 6503 lbs (2950 kg) |

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

| Model | Permissible towing capacity, braked |
|-------------------|-------------------------------------|
| Mercedes-AMG G 63 | 6503 lbs (2950 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 110.2 lbs (50 kg).
- ▶ Use a tongue weight that is as close as possible to the maximum permissible tongue weight.

Tongue weight

| Model | Maximum tongue weight |
|-------------------|-----------------------|
| Mercedes-AMG G 63 | 520.3 lbs (236 kg) |

The actual tongue weight may not be higher than the specified value. The value can be found on the vehicle identification plates of the trailer hitch or of the trailer. The lowest weight applies.

The permissible drawbar tongue weight is the maximum weight with which the drawbar may be

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loaded. The permissible drawbar tongue weight is the limit for trailer hitches approved by Mercedes-Benz.

Permissible rear axle load (trailer operation)

Axle load

| Model | Axle load |
|-------------------|--------------------|
| Mercedes-AMG G 63 | 4189 lbs (1900 kg) |

Display messages

Driving systems

| Display messages | Possible causes/consequences and ► Solutions |
|---|--|
|  <p data-bbox="195 425 454 479">Malfunction Drive at Max. 50 mph</p> | <p data-bbox="526 332 1677 357">* AMG adaptive sport suspension system is malfunctioning. The vehicle's handling characteristics may be affected.</p> <ul style="list-style-type: none"> <li data-bbox="543 365 1134 390">► Do not drive at speeds greater than 50 mph (80 km/h). <li data-bbox="543 398 975 423">► Consult a qualified specialist workshop. |

Warning and indicator lamps

Driving systems

| Warning/indicator lamp | Possible causes/consequences and ► Solutions |
|---|---|
|  <p data-bbox="195 792 454 846">Suspension warning lamp (yellow)</p> | <p data-bbox="508 699 1204 724">The yellow AMG adaptive sport suspension system warning lamp is lit.</p> <p data-bbox="508 732 1221 757">* There is a malfunction in the AMG adaptive sport suspension system.</p> <ul style="list-style-type: none"> <li data-bbox="526 765 1045 790">► Note the messages on the multifunction display. |

Driving safety systems

| Warning/indicator lamp | Possible causes/consequences and ► Solutions |
|---|--|
|  The image shows a rectangular warning lamp icon. The top half features a black silhouette of a car with a wavy line underneath it, indicating a loss of control or skidding. Below the car, the word "OFF" is written in bold, black, sans-serif capital letters. The bottom half of the icon is a solid black rectangle with the words "ESP OFF" written in white, bold, sans-serif capital letters. | <p>The yellow ESP[®] OFF warning lamps are lit while the engine is running.</p> <p>*ESP[®] is deactivated.</p> <p>Other driving systems and driving safety systems may also be inoperative.</p> <div data-bbox="482 405 1646 656" style="border: 1px solid gray; padding: 5px;"><p>▲ WARNING Risk of skidding when driving with ESP[®] deactivated</p><p>ESP[®] does not act to stabilize the vehicle. The availability of further driving safety systems is also limited.</p><ul style="list-style-type: none">▶ Drive on carefully.▶ Deactivate ESP[®] only for as long as the situation requires.<p>If ESP[®] cannot be activated, ESP[®] is malfunctioning.</p><ul style="list-style-type: none">▶ Have ESP[®] checked immediately at a qualified specialist workshop.</div> <p>► Observe the notes on deactivating ESP[®] (→ page 14).</p> |

| Warning/indicator lamp | Possible causes/consequences and ► Solutions |
|---|--|
|  <p>The icon shows a car with a wavy line underneath it, indicating a loss of control or skidding. Below the car, the word 'OFF' is written. The entire icon is enclosed in a rectangular box with the text 'ESP SPORT' at the bottom.</p> | <p>ESP® SPORT is activated while the engine is running.</p> <p>*When ESP® SPORT is activated, ESP® will stabilize the vehicle only to a limited extent.</p> <div data-bbox="532 332 1698 456"><p>▲ WARNING Risk of skidding if ESP® SPORT is used incorrectly</p><p>When you activate ESP® SPORT, there is an increased risk of skidding and having an accident.</p><p>► Activate ESP® SPORT only in the circumstances described below.</p></div> <p>► Observe the notes on activating ESP® SPORT(→ page 14).</p> |

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