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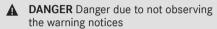
Mercedes-AMG Supplement

Mercedes-Benz



Symbols

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



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

- ▶ Please observe the warning notices in this manual.
- **ENVIRONMENTAL NOTE** Environmental damage due to failure to observe environmental notes

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

Observe environmental notes.

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

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

- Observe notes on material damage.
- (i) Useful instructions or further information that could be helpful to you.

Instruction

Display

(→ page) Further information on a topic Information in the multifunction display/multimedia display

—

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

>>

Corresponding submenus, which are to be selected in the multimedia sys-

Marks a cause



Example

WARNING Risk of injury or fatal injuries if the front passenger airbag is enabled

If the front passenger front airbag is enabled, a child on the front passenger seat may be struck by the front passenger airbag during an accident.

NEVER use a rearward-facing child restraint system on a seat with an ENABLED FRONT AIRBAG, DEATH or SERIOUS INJURY to the CHILD can occur.

Observe the "Children in the vehicle" section.

Publication details

Internet

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

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

http://www.mercedes-benz.ca (Canada only)

Editorial office

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Vehicle manufacturer

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As at 30.11.18

Welcome to the world of Mercedes-AMG

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

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

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

- Model
- Order
- National version
- Availability

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

- Design
- Equipment
- · Technical features

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

The following are integral parts of the vehicle:

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

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

Mercedes-Benz USA, LLC

Mercedes-Benz Canada, Inc.

A Daimler Company

2575843801

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Operator's Manual

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

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

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

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

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

Operating safety

WARNING Risk of accident due to malfunctions or system failures

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

 Always have the prescribed service/ maintenance work as well any required repairs carried out at a qualified specialist workshop. WARNING Risk of accident or injury due to incorrect modification of electronic components and parts

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

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

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

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

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

4 General notes

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

I 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 unpayed 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.

When using the vehicle, observe the following information:

· 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

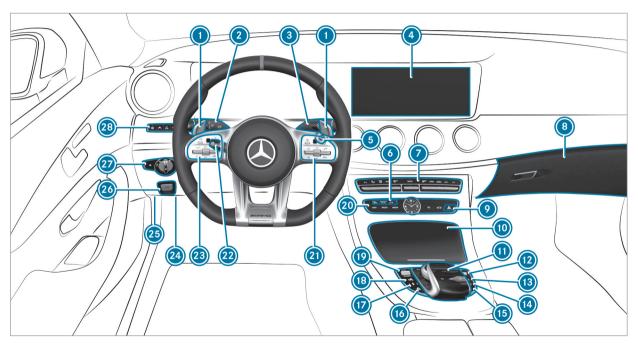
NOTE Damage to the vehicle arising from violation of these operating instructions.

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.

6 At a glance - Cockpit



Left-hand-drive vehicles

Steering wheel paddle shifters	\rightarrow	11	Activates/deactivates ESP®	\rightarrow	13
Combination switch			AMG adaptive sport suspension system	\rightarrow	16
3 DIRECT SELECT lever			Manual gearshifting (permanent setting)	\rightarrow	11
Multimedia system display			DYNAMIC SELECT switch		
Start/stop button			Control panel for the multimedia system		
PASSENGER AIR BAG indicator lamp			② Control panel for the multimedia system (steer-		
Climate control systems			ing wheel)		
Glove box			Adjusts the steering wheel		
Hazard warning lights			Control panel for the on-board computer		
Stowage compartment			Operates cruise control		
Control panel for the multimedia system			Operates Active Distance Assist DISTRONIC		
Control knob for volume and switches the sound			Diagnostics connection		
on/off			Opens the hood		
Switches the multimedia system on/off			Electric parking brake		
AMG Performance exhaust system	\rightarrow	10	Light switch		
ECO start/stop function	\rightarrow	9	② Control panel for:		
Active Parking Assist			Active Steering Assist		

At a glance – Cockpit Active Lane Keeping Assist

ssist Head-up Display

Parking Assist PARKTRONIC Rear window roller sunblind

Driving

Breaking-in notes

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

- Drive at varying road speeds and engine speeds.
- Do not drive faster than 85 mph (140 km/h).
- Only briefly allow the engine to reach a maximum engine speed of 4,500 rpm (4,500 rpm).
- Drive the vehicle in drive program or .
- Change gear before the tachometer needle is 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.

Notes on the locking differential

After a breaking-in period of 2000 miles (3000 km) the oil on the locking differential

should be changed in a qualified specialist workshop. This oil change prolongs the service life of the locking differential.

Operation of the ECO start/stop function

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

- you have selected drive program c
 or E
- you brake the vehicle to a standstill in transmission position D or N.
- if all vehicle conditions for an automatic engine stop are met.

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

The engine is restarted automatically if:

- you release the brake pedal in transmission position 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.

10 Driving and parking

- you permanently activate manual gearshifting.
- an automatic engine start is necessary.

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

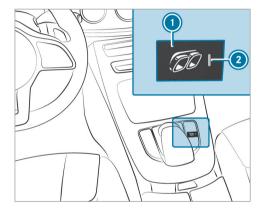
AMG Performance exhaust system

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
- open exhaust gas flaps: sporty characteristic

Operating the AMG Performance exhaust system



Press button ①.

The sporty characteristic is selected when indicator lamp ② lights up.

DYNAMIC SELECT switch

Function of the DYNAMIC SELECT switch

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

- **E** (Eco): particularly economical driving style
- (Individual): individual settings
- Comfort): comfortable and economical driving style
- S (Sport): sporty driving style
- Si (Sport Plus): particularly sporty driving style
- Mercedes-AMG recommends selecting the drive program when in city traffic or stop-and-go traffic.

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

- Drive
 - Engine and transmission management
 - Active Distance Assist DISTRONIC
- Suspension

- · Position of the exhaust flaps
- Steering
- Availability of the ECO start/stop function
- You can also change the following vehicle characteristics using the buttons in the center console:
 - ECO start/stop function
 - Suspension
 - · Manual gearshifting

Displaying dynamic data

Multimedia system:

- → Vehicle >> 📻 DYNAMIC SELECT
- Select Dyn. Data.

Dynamic data is displayed, e.g.:

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

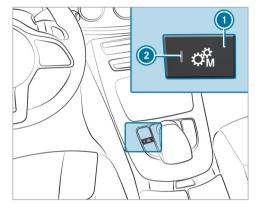
Automatic transmission

Manual gearshifting

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

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

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



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

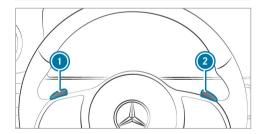
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NOTE Damage to the engine due to shifting up too late

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

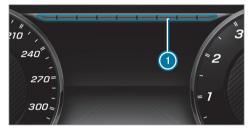
The fuel supply is interrupted in order to prevent the engine from overrevving.

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



To shift up: pull steering wheel paddle shifter 2.

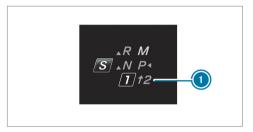
To shift down: pull steering wheel paddle shifter ①.



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

Gearshift recommendation

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



- ► If gearshift recommendation message ① is shown on the multifunction display, shift to the recommended gear.
- (i) 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.
- i If you have activated manual gearshifting with the button in the center console, the transmission does not react to the kickdown.

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

Glide mode function

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

Glide mode is characterized by the following:

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

Glide mode is activated if the following conditions are met:

- The ECO start/stop function is activated.
- Drive program 🔳 is selected.
- The speed is within a suitable range.

- The road's course is suitable, e.g. no steep uphill or downhill inclines or tight bends.
- The condition of charge of the battery is sufficient.
- You are no longer depressing the accelerator or brake pedal.
- i Glide mode can also be activated if you have selected the "Eco" setting for the drive in the drive program .

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

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

Driving and driving safety systems

Function of ESP® (Electronic Stability Program)

WARNING Risk of skidding if ESP[®] is malfunctioning

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

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

You can select between the following modes of ESP®:

- ESP[®] on
- · SPORT handling mode on
- ESP® off

Characteristics when ESP® is activated

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

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

 $\mathsf{ESP}^{\$}$ can stabilize the vehicle by intervening in the following ways:

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

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

Do not deactivate ESP[®].

- Only depress the accelerator pedal as far as is necessary.
- Adapt your driving style to suit the current road and weather conditions.

Characteristics of activated SPORT handling mode

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

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

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

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

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

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

If SPORT handling mode is activated:

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

Characteristics when ESP® is deactivated

WARNING Risk of skidding if ESP® is deactivated

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

ESP® should only be deactivated in the following situations.

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

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

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

- · When using snow chains.
- In deep snow.
- · On sand or gravel.
- (i) Spinning the wheels results in a cutting action which provides better grip.

i Activate ESP® as soon as the situations described above no longer apply. ESP® will otherwise not be able to stabilize the vehicle if the vehicle starts to skid or a wheel starts to spin.

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

- · Warning and indicator lamps
- Display messages

ETS/4ETS (Electronic Traction System)

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

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

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

Activating/deactivating ESP® (Electronic Stability Program)



To activate SPORT handling mode: briefly press button ①.

The **ESP SPORT** SPORT handling mode warning lamp in the instrument cluster lights up.

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- To deactivate SPORT handling mode: briefly press button . The ESP SPORT SPORT handling mode warning lamp in the instrument cluster goes out.
- To deactivate ESP®: press button until the warning lamp in the instrument cluster lights up.
 The ESP OFF warning lamp in the instrument cluster also lights up.
- ➤ To activate ESP®: briefly press button ①.

 The ♣ and ESP OFF warning lamps in the instrument cluster go out.

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

AMG adaptive sport suspension system (air suspension)

Function of the AMG adaptive sport suspension system

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

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

• the driving style, e.g. sporty

- the road condition, e.g. bumps
- the individual selection of "Sport", "Sport +", "Comfort" or "Economy"

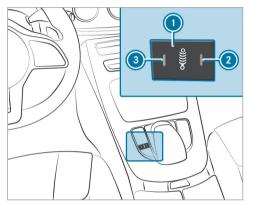
AMG adaptive sport suspension system comprises:

- air suspension with variable spring rate and automatic level control
- speed-dependent lowering to reduce fuel consumption
- manually selectable high-level setting for greater ground clearance
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)
- DYNAMIC SELECT switch and level button
- suspension tuning button

Available suspension tuning

Drive program	Characteristics
(Comfort)	 The suspension tuning is comfortable. The vehicle is set to the normal level. When driving at speeds above 100 mph (160 km/h) the vehicle is lowered. When driving at speeds below 87 mph (140 km/h), the vehicle is raised again.
(Eco)	 The suspension tuning is comfortable. The vehicle is set to the low level. The vehicle is not lowered any further if you are traveling at higher speeds.
S (Sport)	 The suspension tuning is firmer. The vehicle is set to the low level. The vehicle is not lowered any further if you are traveling at higher speeds.
(Sport Plus)	 The suspension tuning is even firmer. The vehicle is set to the low level. The vehicle is not lowered any further if you are traveling at higher speeds.

Selecting Comfort mode



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

Press button (1) repeatedly until indicator lamps 2 and 3 go out. The AMG Suspension System COMFORT message appears on the multifunction display.

Selecting Sport mode

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

Press button 1 repeatedly until indicator lamp (3) lights up.

The AMG Suspension System SPORT message appears on the multifunction display.

Selecting Sport Plus mode

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

Press button n repeatedly until indicator lamps 2 and 3 light up. The AMG Suspension System SPORT + message appears on the multifunction display.

Setting the vehicle level

WARNING Risk of accident because vehicle level is too high

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

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

Always choose a vehicle level which is suited to the driving style and the road surface conditions.

WARNING Risk of entrapment from vehicle lowering

When lowering the vehicle, people could become trapped if their limbs are between the vehicle body and the tires or underneath the vehicle.

Make sure no one is underneath the vehicle or in the immediate vicinity of the wheel arches when you lower the vehicle.

WARNING Risk of entrapment from vehicle lowering

Vehicles with AIR BODY CONTROL or level control system: When you unload luggage or leave the vehicle, the vehicle first

rises slightly and then returns to the set level shortly afterwards.

You or anyone else in the vicinity of the wheel arches or the underbody could thus become trapped.

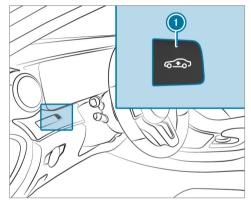
The vehicle can also be lowered after being locked.

When leaving the vehicle, make sure that nobody is in the vicinity of the wheel arches or the underbody.

Requirements:

- · The vehicle has been started.
- The vehicle must not be moving faster than 40 mph (65 km/h).

Raising the vehicle



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

Your selection is saved.

The vehicle is lowered again in the following situations:

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

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

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

Lowering the vehicle

Press button ①.

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

Notes on the Instrument Display and onboard computer

Additional notes regarding your Mercedes-AMG vehicle:

- Vehicles with an Instrument Display (standard): if you activate manual gearshifting, (→ page 11) the upshift bar will appear on the multifunction or the Head-up Display.
- Warning and indicator lamps: the vehicle is also equipped with ESP® OFF ☐ and ESP SPORT warning lamps (→ page 38).

Calling up displays on the Performance menu

On-board computer:

→ Performance

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

Displays on the Performance menu:

- Warm-up
- SETUP

- G-meter
- RACETIMER (vehicles without AMG TRACK PACE)
- Engine data



Example: warm-up

- Digital speedometer
- @ Gear display
- ② Engine oil temperature

- Transmission oil temperature
- 6 Charge-air pressure

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

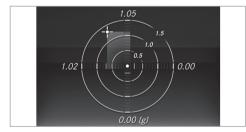


Example: SETUP

- Drive system setting: Reduced/Moderate/Sport/Dynamic/Race
- Exhaust system: Balanced/Powerful
- SP® status:

On/Off/SPORT handling mode

- Transmission position:
 D/M
- Suspension tuning:
- © Comfort/Sport/Sport+



Example: G-meter

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

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

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



Example: engine data

- Current power output
- Current torque

Displaying and starting RACETIMER in the Performance menu

On-board computer:

- **→** Performance
- (i) The RACETIMER function is available only in vehicles without AMG TRACK PACE.

The following functions are possible in RACE-TIMER:

- · displaying and starting
- stopping
- · starting a new lap
- displaying lap statistics
- resetting

22 Instrument Display and on-board computer



- Lap
- 2 Lap time

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

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

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



Example: RACETIMER

- 1 Lap
- Elapsed time
- Average speed
- Oistance covered
- To display the lap statistics: after at least two stored laps, press the left-hand Touch Control.

- Select Lap List. The lap statistics will be displayed.
- Display the statistics of the next lap by swiping up or down on the left-hand Touch Control.

The fastest lap is indicated by flashing symbol ①.

- ► To reset: stop RACETIMER and press the left-hand Touch Control.
- Select Reset and press the left-hand Touch Control.

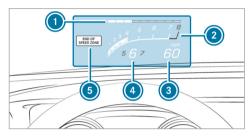
All laps will be deleted.

Function of the Head-up Display

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

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

Mercedes-AMG display content



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

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

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

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

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

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

System limitations

The visibility is influenced by the following conditions:

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

(i) In extreme sunlight, sections of the display may appear washed out. You can correct this by switching the Head-up Display off and on again.

AMG TRACK PACE

General information

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

Setting Track Race

Multimedia system:

→ Vehicle → TRACK PACE → Track Race

Recording a track

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

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

Searching by track name

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

Measuring the time on the track

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

Timekeeping begins automatically when the starting line has been crossed.

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

Displaying the analysis

- Select Lap times.
 - An overview of all the driven times appears.
- Select a track.

The following data is displayed:

- · Lap and sector times
- · Average and top speed
- Driver
- Vehicle
- Date
- Weather
- Select a desired lap. The analysis is displayed.



- Parameter 1 (e.g. speed)
- Parameter 2 (e.g. steering angle)
- Speed trend (Parameter 1)
- 4 Steering angle trend (Parameter 2)
- Time difference between lap A and B (only when two laps are selected).
- i The following values can be set for parameters 1 and 2, for example:
 - Speed
 - Longitudinal/lateral acceleration
 - · Steering angle
 - Engine speed

• Engine oil/tire temperature

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

Exporting tracks or races (USB)

- Select All tracks.
 An overview of all stored tracks and races
- Highlight desired tracks or races.
- Select Options.
- Select Export.

appears.

The selected tracks or races can be exported to a USB storage device connected to the vehicle.

Editing tracks and recordings

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

or

Select a track.

- Highlight the desired recording.
- Select 🖳 options.
- Select Weather or Delete.

Setting Drag Race

Multimedia system:

→ Vehicle → TRACK PACE → Drag Race

Measuring acceleration

Select Acceleration.

Measurement begins when the vehicle accelerates. Measurement is incremental, in steps of 30 mph (50 km/h) up to a maximum of 150 mph (300 km/h) or up to the set top speed.

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

Quarter-mile race

Select Quarter mile. Timing runs until a mile has been traveled or to the set end distance. Measurement can be stopped early by selecting Stop or by stopping the vehicle.

Manual start for acceleration and quartermile race

- Select Acceleration or Quarter mile.
- Select Manual start.

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

Measuring braking

- Select Braking.
- Select Starting.
 Measurement is incremental, in steps of 30 mph (50 km/h) to a standstill. If the braking procedure is started e.g. at a speed of 99 mph (160 km/h), measurement starts as soon as 90 mph (150 km/h) has been reached.

Storing and calling up measurement values

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

After a measurement, select Save measurement?.

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

Editing measurements

- Select History.
- Highlight the desired measurement.
- ▶ Select ➡ options.
- Select Weather or Delete.
- The measurements can be displayed by category, e.g. acceleration measurements, by applying a filter.

Calling up the telemetry display

Multimedia system:

→ Vehicle → TRACK PACE → telemetry

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

parameters can be selected that are to be shown in the display.

For example:

- · Engine speed
- · Wheel angle
- Speed
- Steering angle
- Set the desired parameters.
- Set the time.

The set parameters are evaluated in the diagram for the time set.

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

Configuring AMG TRACK PACE

Requirements

To use the TRACK PACE app:

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

Multimedia system:

→ Vehicle → TRACK PACE → Options

Setting driver profiles

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

or

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

Displaying driver profile statistics

- Select Driver profile.
- Select the desired profile.

The following information is displayed for the selected driver profile:

- · Driving time
- Track driven

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

Connecting a mobile device via the TRACK PACE app

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

- Select the TRACK PACE app.
 Already authorized devices are displayed in the list.
- Select Authorize new device. Available devices are displayed.
- Start the TRACK PACE app on the device to be connected and follow the instructions.
- Confirm the authorization prompt.
- Enter the code displayed on the device.
 The device is authorized.

or

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

Setting the TRACK PACE display in the Headup Display

- Select HUD contents.
- Activate

 or deactivate

 the desired contents.

The contents in the Head-up Display are adapted.

(i) For further information on the Head-up Display, see (\rightarrow page 22) (\rightarrow page 23).

Setting acoustic feedback

Select Acoustic feedback.

The following settings are available:

- Loud
- Medium
- Quiet
- Off
- Select a setting.

Activating/deactivating additional information

► Activate or deactivate Display additional information.

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

Confirm popups with OK or select Do not display.

Calling up information

Select Info.

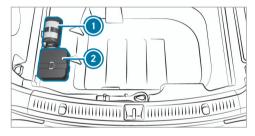
The following information is displayed:

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

Flat tire

TIREFIT kit storage location

The TIREFIT kit is located under the trunk floor.



- Tire sealant bottle
- Tire inflation compressor

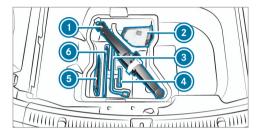
Overview of the tire-change tool kit

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

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

- Jack
- Chock
- · Lug wrench
- Alignment bolt

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



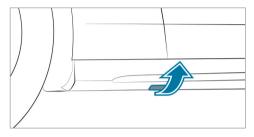
- Jack
- ② Gloves
- 3 Lug wrench
- Alignment bolt
- Folding chock
- Ratchet for jack

Setting up the folding chock



Cover of jack support points

Be sure to also observe the notes on changing a wheel in the Operator's Manual of your vehicle. To protect the vehicle body, the vehicle has covers installed next to the jack support points on the longitudinal member panels.



Cover of jack support points

WARNING Risk of injury from incorrect positioning of the jack

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

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

tically under the jacking point of the vehicle.

NOTE Vehicle damage from the jack

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

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

Operating fluids

Fuel

Information on fuel grades for Mercedes-AMG vehicles

Observe the information on operating fluids in the vehicle Operator's Manual.

NOTE Damage caused by the wrong fuel

Even small amounts of the wrong fuel could result in damage to the fuel system, the engine and the emission control system.

Only refuel with low-sulfur unleaded fuel.

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

Never refuel using:

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

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

If you accidentally refuel with the wrong fuel:

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

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

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

As a temporary measure, if the recommended fuel is not available, you may also use unleaded regular gasoline which has at least the octane number specified in the instruction label in the fuel filler flap (see the vehicle Operator's Manual).

Never refuel using gasoline with an even lower RON.

! NOTE Premature wear caused by unleaded regular gasoline

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

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

- Only fill the fuel tank to half full with unleaded regular gasoline and refill as soon as possible with unleaded premium grade gasoline.
- ▶ Do not drive at the maximum speed.
- Avoid sudden acceleration and engine speeds over 3,000 rpm.

Further information on fuel is available at the following locations:

- at gas stations
- · at a qualified specialist workshop
- USA only: at http://www.mbusa.com

Tank content and fuel reserve

Capacity

Model	Total capacity
Mercedes-AMG CLS 53 4MATIC	21.1 gal (80.0 liters)
Model	of which reserve fuel

Quality and capacity of engine oil

MB-Freigabe or MB-Approval

Gasoline engines	MB-Freigabe or MB- Approval
Mercedes-AMG	229.51, 229.52,
CLS 53 4MATIC	229.61, 229.71

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

Capacity

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

Coolant capacity

Capacity

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

Refrigerant filling capacity

Filling capacity for refrigerant and PAG oil

Model	Refrigerant
Mercedes-AMG CLS 53 4MATIC	22.2 ± 0.4 oz $(630 \pm 10 \text{ g})$
Model	PAG oil

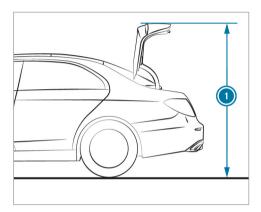
Vehicle data

Vehicle dimensions

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

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

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Height when opened

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

Vehicle dimensions

Mercedes-AMG CLS 53 4MATIC	
Vehicle length	199.1 in (5057 mm)
Vehicle width including outside mirrors	81.6 in (2072 mm)
Vehicle height	56.0 in (1422 mm)
Wheelbase	115.7 in (2939 mm)
Turning radius	41.0 ft (12.50 m)

Weights and loads

Please note that for the specified vehicle data:

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

Roof load

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

Maximum speeds

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

Maximum speeds

	Mercedes-AMG CLS 53 4MATIC
1st gear	30 mph (49 km/h)
2nd gear	50 mph (81 km/h)
3rd gear	72 mph (116 km/h)
4th gear	102 mph (160 km/h)
5th gear	134 mph (216 km/h)
6th gear	162 mph (262 km/h)

	Mercedes-AMG CLS 53 4MATIC
7th gear	167 mph (270 km/h)
8th gear	167 mph (270 km/h)
9th gear	167 mph (270 km/h)

Display messages

Engine

Display messages



Engine Oil Pressure Stop Switch Off Engine



Engine Oil Level Cannot Be Measured

Possible causes/consequences and ▶ Solutions

* Display message only for certain engines:

The engine oil pressure is too low.

- I NOTE Engine damage caused by driving with insufficient engine oil pressure
- Avoid driving with insufficient engine oil pressure.
- Pull over and stop the vehicle safely as soon as possible, paying attention to road and traffic conditions. Do not continue driving under any circumstances.
- Consult a qualified specialist workshop.
- * The electrical connection to the oil level sensor is interrupted or the oil level sensor is defective.
 - Visit a qualified specialist workshop.

Display messages * Display message only for certain engines: The engine oil level has dropped to the minimum level. Check Engine Oil Level (Add 1 quart) NOTE Engine damage caused by driving with insufficient engine oil Avoid long journeys with insufficient engine oil. When next refueling, add 1 quart of engine oil. Top up engine oil . Notes on engine oil .

Safety systems

Warning/indicator lamp

Possible causes/consequences and > Solutions The yellow ESP® OFF warning lamp is lit while the engine is running.

FSP® is deactivated.

▶ Observe the notes on deactivating ESP® (\rightarrow page 13).

ESP® OFF indicator lamp



SPORT

ESP® SPORT indicator lamp

ESP® SPORT is activated while the engine is running.

When ESP® SPORT is activated, ESP® stabilizes the vehicle only to a limited extent.

A 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 SPORT handling mode (\rightarrow page 13).
- Observe the notes on activating ESP[®] SPORT(→ page 13).

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