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#### Documentation team

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#### Vehicle manufacturer

Mercedes-Benz AG Mercedesstraße 120 70372 Stuttgart Germany



As at 20.08.20

#### 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.

Mercedes-Benz USA, LLC

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

**DANGER** Danger due to not observing the warning notices

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

- Observe the warning notices.
- ENVIRONMENTAL NOTE Environmental damage due to failure to observe environmental notes

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

- Observe environmental notes.
- **!** NOTE Damage to property due to failure to observe notes on material damage

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

Observe notes on material damage.

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

┺

 $\blacktriangleright$ 

\*

- $(\longrightarrow \text{page})~$  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

## At a glance – Cockpit 5

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#### 6 General notes

#### **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.

#### Occupant safety 7

#### Seat belts

## Limitations of the protection provided by the seat belt

The AMG sport seat and the AMG Performance seat are designed for the standard three-point seat belt. If you install a different multipoint seat belt, such as a four-point seat belt, the restraint system cannot provide the intended level of protection.

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

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

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

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

#### Airbags

Protection provided by the side airbag

#### Vehicles with AMG Performance seat:

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

#### 8 Seats

## Adjusting the AMG Performance seat

To adjust the contour of the seat and for improved lateral support, you can adjust the front seats individually.

On the front passenger seat, you can adjust only the seat side bolsters of the seat backrest.



- To adjust the seat side bolsters of the seat cushion: press button () (narrower) or (2) (wider).
- To adjust the seat side bolsters of the seat backrest: press button ③ (narrower) or ④ (wider).

### Driving

#### **Function of Emotion Start**

The Emotion Start function is only available for the Mercedes-AMG C 63 and C 63 S models.



- Start the vehicle with the start/stop button and simultaneously pull one of the steering wheel gearshift paddles ① or ②.
  - The idle speed is increased briefly when starting the engine.
  - The exhaust gas flaps are opened (sporty characteristic powerful) (→ page 9).

Follow the instructions for starting the vehicle in the vehicle Operator's Manual.

#### 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.

Be sure to observe the information sticker regarding the breaking-in notes on the wind-shield.

#### 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:

• **Balanced:** closed exhaust gas flaps for a comfortable sound characteristic

• **Powerful:** open exhaust gas flaps for a sporty sound characteristic

## 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 ceramic high-performance composite brake system

(i) The AMG ceramic high-performance composite brake system is only available on the **Mercedes-AMG C 63 S** model.

The 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

(i) Have the brake system checked at a qualified specialist workshop after it has been subjected to extreme loads.

#### 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 switch (2) repeatedly. Display switch (2) shows the currently selected functions.

The following functions are available:

- $ESP^{\mathbb{R}}(\rightarrow page 13)$
- AMG adaptive sport suspension system(→ page 18)
- AMG Performance exhaust system
   (→ page 9)
- Manual gearshifting ( $\rightarrow$  page 11)
- AMG Dynamics (→ page 10)
- ECO start/stop function (see the vehicle's Operator's Manual)

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

The assignment of display switch 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 control knob (a). The drive program selected appears in display switch (a). Press display switch (a) to go directly to the drive program ( $\rightarrow$  page 10).

Mercedes-AMG C 63 S: if adjustable traction control is activated, set power assistance in increments using control knob ( $\odot$ ( $\rightarrow$  page 15).

#### **DYNAMIC SELECT switch**

#### Function of the DYNAMIC SELECT switch

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

The drive program selected appears in the multifunction display of the on-board computer.

#### Slippery

 Optimized pulling away and driving characteristics in wintry and slippery road conditions

## C Comfort

- Comfortable driving style
- Balance between traction and stability
- Recommended for city driving and stop-andgo traffic

## Individual

Individual settings

## s Sports

- Sporty driving characteristics
- Balance between stability and sportiness
- Only suitable for good road conditions, a dry road surface and a clear stretch of road

## S<sup>+</sup> Sport+

- Particularly sporty driving characteristics
- Accentuates the vehicle's own understeering and oversteering characteristics
- Only suitable for good road conditions, a dry road surface and a clear stretch of road

## Race

- Racetrack-oriented driving characteristics
- All vehicle systems set for maximum sportiness
- Particularly firm suspension tuning of the AMG adaptive sport suspension system
- Must not be used on public roads
- Only suitable for use on cordoned off race circuits

(i) The drive program 🛐 is only available for the Mercedes-AMG C 63 S model.

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

- Drive
- AMG Dynamics:
  - The agility functions are automatically selected depending on the drive program.
  - The steering, shift timing point, drive and stabilization functions are adapted to the selected drive program.
  - When ESP<sup>®</sup> is activated, agility function Pro is selected in drive program **S**. The Master function is automatically selected when ESP<sup>®</sup> is deactivated.
- Position of the exhaust gas flaps
- Suspension tuning
- Availability of Glide mode
- (i) You can change the following vehicle characteristics using the buttons on the center console:
  - Position of the exhaust gas flaps

- Suspension tuning
- ESP<sup>®</sup>

Automatic transmission Manual gearshifting



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

#### Shifting up and down

**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 **()** light up red.

#### **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:

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

WARNING Risk of skidding if ESP<sup>®</sup> is malfunctioning

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

- Drive on carefully.
- Have ESP<sup>®</sup> checked at a qualified specialist workshop.

You can select between the following modes of the Electronic Stability Program (ESP<sup>®</sup>):

- ESP<sup>®</sup> ON
- ESP<sup>®</sup> SPORT

• ESP<sup>®</sup> OFF

## Characteristics when ESP® is activated

 $\mathsf{ESP}^{\textcircled{R}}$  monitors and improves driving stability and traction, particularly in the following situations:

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

 $\mathsf{ESP}^{\textcircled{R}}$  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.

 $\mathsf{ESP}^\circledast$  is activated every time the engine is started regardless of whether  $\mathsf{ESP}^\circledast$  was in  $\mathsf{ESP}^\circledast$  SPORT or deactivated before the engine was switched off.

If the 🔁 ESP<sup>®</sup> warning lamp flashes in the instrument cluster, one or several wheels has reached its grip limit:

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

## Characteristics of ESP® SPORT

 WARNING Risk of skidding if ESP<sup>®</sup> SPORT is used incorrectly

When you activate  $\mathsf{ESP}^\circledast$  SPORT, there is an increased risk of skidding and having an accident.

Activate ESP<sup>®</sup> SPORT only in the circumstances described below.

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

Select ESP<sup>®</sup> SPORT when the vehicle's own oversteering and understeering characteristics are desired, e.g. on cordoned off roads.

Driving with ESP<sup>®</sup> SPORT or with ESP<sup>®</sup> deactivated requires an extremely qualified and experienced driver.

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

 $\mathsf{ESP}^{\texttt{®}}$  SPORT also has the following characteristics:

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

### Characteristics when ESP® is deactivated

▲ WARNING Risk of skidding if ESP<sup>®</sup> is deactivated

If you deactivate  $\text{ESP}^{\$}, \text{ESP}^{\$}$  cannot carry out vehicle stabilization.

 ESP<sup>®</sup> should only be deactivated in the following situations.

When ESP<sup>®</sup> is deactivated, the  $\boxed{\mathbb{S}_{FF}}$  and  $\boxed{\mathbb{E}SPOFF}$  warning lamps light up continuously in the instrument cluster.

Deactivating  $ESP^{\ensuremath{\mathbb{R}}}$  has the following effects:

- Driving stability will no longer be improved.
- The drive wheels could spin.
- ETS/4ETS traction control is still active.
- Crosswind Assist is no longer active.

(i) Even when ESP<sup>®</sup> is deactivated, you are still assisted by ESP<sup>®</sup> when braking hard.

It may be best to activate  $\text{ESP}^{\$}$  SPORT or deactivate  $\text{ESP}^{\$}$  in the following situations:

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

If the  $\fbox{B}$  ESP<sup>®</sup> warning lamp lights up continuously even when ESP<sup>®</sup> is activated, ESP<sup>®</sup> is not available due to a malfunction.

Observe any information which is displayed in the instrument cluster:

- Indicator and warning lamps
- Display messages

## ETS/4ETS (Electronic Traction System)

ETS/4ETS traction control is part of ESP<sup>®</sup>.

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<sup>®</sup> (Electronic Stability Program)



 To activate ESP<sup>®</sup> SPORT: briefly press button ①.

The  $\boxed{\mathbb{S}_{\text{FF}}}$  and  $\underset{\text{tsp-sport}}{\text{ssp-sport}}$  warning lamps appear in the instrument cluster.

- To deactivate ESP®: press and hold button until the server warning lamps appear in the instrument cluster.
- (i) When you deactivate ESP® in the S drive program, AMG Dynamics automatically switches to the **Master** level.
- To activate ESP®: briefly press button ①. The Ser, Server and ESPOFF warning lamps go out.

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

## **Traction control**

Function of traction control The adjustable traction control is only available on the Mercedes-AMG C 63 S model.

 WARNING Risk of skidding if ESP<sup>®</sup> is deactivated

If you deactivate  $\mathsf{ESP}^{\texttt{B}}, \mathsf{ESP}^{\texttt{B}}$  cannot carry out vehicle stabilization.

ESP<sup>®</sup> should only be deactivated in the following situations.

Adjustable traction control is used to enhance performance on a race track and is only activated when  $ESP^{(B)}$  is deactivated. You can adjust the level of assistance from traction control and, in doing so, adjust the balance between stability and agility gradually while accelerating.

Traction control supports you only in metering the engine output. As  $\mathsf{ESP}^\circledast$  is deactivated,  $\mathsf{ESP}^\circledast$  does not stabilize the vehicle if the vehicle starts to skid.

(i) Deactivating ESP<sup>®</sup> and using adjustable traction control requires a highly qualified and experienced driver.

Adjustable traction control may not be used on normal roads. Adjustable traction control may only be activated and used on dedicated race circuits, not on public roads. Be sure to observe the safety notes and information on ESP<sup>®</sup> ( $\rightarrow$  page 13).

#### Adjusting traction control

#### **Requirements:**

 ESP<sup>®</sup> is deactivated. The Gr and ESPOFF warning lamps light up in the instrument cluster (→ page 15).

You can adjust the level of assistance from traction control and, in doing so, adjust the balance between stability and agility gradually while accelerating.

Take the following parameters into account:

- Current road conditions
- Type of tire used
- Road characteristics
- Tire condition, such as temperature or wear
- Personal driving style



Display button (1) shows the current traction control level with an LED segment display.

 To increase or reduce the level of assistance from traction control, turn control (2) clockwise or counter-clockwise.

Display button (1) and the instrument cluster show the set level.

If the display button shows level **1** with only one LED segment lit up, traction control is deactivated (OFF). If level **9** is shown and all LED segments light up, traction control is providing the maximum level of assistance (ON).

If you activate ESP<sup>®</sup>, the level of assistance from traction control is controlled automatically. Display button () then shows the current drive program.

#### **RACE START**

#### Information on RACE START

(i) RACE START is available only for Mercedes-AMG C 63 and C 63 S models.

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

- (i) Use RACE START only after the vehicle has been broken in.
- (i) RACE START may not be used on normal road operation. RACE START must only be activated and used on dedicated race circuits, not on public roads. Read the safety notes and information on ESP<sup>®</sup> (→ page 13).

WARNING Risk of skidding and having an accident from wheels spinning

If you use RACE START, depending on the  $ESP^{\circledast}$  mode selected, there is an increased risk of skidding and having an accident.

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

#### Activating RACE START

#### **Requirements:**

- The driver's door is closed.
- The engine is running and the transmission and engine are at normal operating temperature.
- The front wheel is in the straight-ahead position.
- The vehicle is on level ground.
- The vehicle is stationary, the brake pedal is depressed (left foot) and the parking brake is released.
- The transmission is in position **D**.

- One of the drive programs s, s or
   is selected (→ page 10).
- Rapidly depress the accelerator pedal fully. The engine speed increases.
- (i) If the activation conditions are not fulfilled, RACE START cannot be activated. The RACE START Not Possible See Operator's Manual message appears in the multifunction display.
- The RACE START Release brake to start message appears in the multifunction display.
- (i) In this phase you can adjust RACE START depending on the road conditions: you can vary the engine speed by pulling on one of the steering wheel gearshift paddles. The segments in the multifunction display flicker rapidly.
- (i) If the brake pedal is not released after a short while, RACE START is canceled. The RACE START Canceled message appears in the multifunction display.

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

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

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

#### AMG adaptive sport suspension system

## Function of the AMG adaptive sport suspension system

The AMG adaptive sport suspension system is an electronically controlled damping system for improved driving comfort and increased driving safety. The damping is adjusted individually to each wheel and depends on the following factors:

- Driving style, e.g. sporty
- Road condition, e.g. bumps
- Drive program selected
- Selected suspension setting SPORT, SPORT + or COMFORT
- (i) When the vehicle is started again, the **COM**-**FORT** setting is activated automatically.

## Selecting the AMG adaptive sport suspension system setting



COMFORT suspension setting: press button (1) repeatedly until indicator lamps (2) and (3) go out. The AMG Suspension System COMFORT message appears in the multifunction display. The driving characteristics of your vehicle are comfortable.

SPORT suspension setting: press button
 repeatedly until indicator lamp () lights up.

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

The suspension is adapted to be firmer.

SPORT+ suspension setting: press button
 repeatedly until indicator lamps (2) and
 light up.

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

The vehicle is lowered to low level and the suspension is set to very firm.

#### 20 Instrument Display and on-board computer

#### 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, ( $\rightarrow$  page 11) the upshift bar will appear on the multifunction or Head-up Display. In addition, the transmission position  $\boxed{M}$  (manual) and the current gear will appear on the transmission position display of the multifunction display.

- Additional note regarding the indicator and warning lamps: the vehicle is also equipped with the ESP<sup>®</sup> (, ESP<sup>®</sup> OFF ), and ESP<sup>®</sup> SPORT [], ESP<sup>®</sup> OFF (, and ESP<sup>®</sup> SPORT [], and a second the second seco
- You can select the following display content in vehicles with a Widescreen Cockpit:
  - Tachometer (classic display setting)
  - Date (progressive display setting)
  - Gear display
  - Warm-up

- AMG TRACK PACE
- G-meter
- Engine data
- Trip computer
- Navigation

#### Operating the on-board computer

▲ WARNING Risk of distraction from information systems and communications equipment

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

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

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

(i) The on-board computer displays will appear on the multifunction display.



The on-board computer is operated using lefthand Touch Control (3) and the left-hand back/ home button (2). When the on-board computer is being operated, different acoustic signals will sound as operating feedback, e.g. when the end of a list is reached or when you are scrolling through a list.

The following menus are available:

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

#### Vehicles with an instrument display (stand-

**ard) only:** If you select the Performance menu, the upshift bar will appear on the multifunction display.

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

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



- To scroll in the menu bar: swipe left or right on the left-hand Touch Control (3).
- To call up a menu or confirm a selection: press the left-hand Touch Control (3).
- To scroll through displays or lists on the menu: swipe upwards or downwards on the left-hand Touch Control (3).
- To call up a submenu or confirm a selection: press the left-hand Touch Control (3).

**To exit a submenu:** press the back button on the left **(2)**.

#### Selecting the Head-up Display

If the Head-up Display is switched off: press button ①.

The Head-up Display will be switched on.

or

 If the Head-up Display is switched on: swipe upwards on the left-hand Touch Control (3).

The Head-up Display will be activated.

 To select what the Head-up Display shows: swipe upwards or downwards on the left-hand Touch Control (3).

## Calling up displays on the Performance menu

On-board computer:

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

#### 22 Instrument Display and on-board computer

Displays on the Performance menu:

- Warm-up
- SETUP
- G-meter
- Engine data
- Vehicles without AMG TRACK PACE: RACE TIMER (→ page 23)



Warm-up (example)

- Boost pressure
- 2 Engine oil temperature
- 3 Transmission oil temperature

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



SETUP in Mercedes-AMG C 43 vehicles (example)

- Drive system setting: Reduced/Moderate/Sport/Dynamic
- Exhaust system: Balanced/Powerful
- 3 ESP<sup>®</sup>:

On/Sport/Off

Suspension tuning:

Comfort/Sport/Sport+

Transmission position:
 D/M



#### SETUP in Mercedes-AMG C 63 vehicles (example)

- Drive system setting: Reduced/Moderate/Sport/Dynamic/Race
- Suspension tuning: Comfort/Sport/Sport+
- ③ Exhaust system:
  - Balanced/Powerful
- ESP<sup>®</sup>:
  - On/Sport/Off
- 6 AMG Dynamics:

#### Basic/Advanced/Pro/Master Transmission position: D/M



#### 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.



Engine data (example)

- Current power output
- 2 Current torque

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

## 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

#### 24 Instrument Display and on-board computer



Lap
 Lap time

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

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

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



Example: RACE TIMER

1 Lap

- 2 Elapsed time
- 3 Average speed
- 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 for the next lap by swiping up or down on the left-hand Touch Control.

The fastest lap will be indicated by flashing text 0.

- To reset: stop RACE TIMER and press the left-hand Touch Control.
- Select Reset and press the left-hand Touch Control.

All laps will be deleted.

## Function of the Head-up Display

The Head-up Display projects the following 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
- Ourrent engine speed
- Ourrent speed
- Currently selected gear; gearshift options for manual shifting
- Index points

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 RACE TIMER, the Head-up Display will show the lap and lap time. In vehicles with AMG TRACK PACE, you can also display the following content depending on the setting:

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

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

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

#### System limits

The visibility is influenced by the following conditions:

- Seat position
- · Image position setting
- Ambient light
- Wet road surfaces
- · 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

#### Function of AMG TRACK PACE

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

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

#### Setting Track Race

Multimedia system:

→ 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 Timing. An overview of nearby tracks appears. The distance and direction to the starting line of the track is displayed.

Select the desired track. If you have already driven on this track, you can select a driven time as a reference time.

Timing 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 tracks appears.
- Select a track.

The following data is displayed:

- Lap and sector times
- Average and maximum permissible speed
- Driver
- Vehicle
- Date
- Weather

 Select a desired lap. The analysis is displayed.



- Parameter 1 (e.g. speed)
- Parameter 2 (e.g. steering angle)
- Speed trend (Parameter 1)
- 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 appears.

- Highlight desired tracks or races.
- Select 🛏 Options.
- Select Export.

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

#### Editing tracks and recordings

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

- or
  - Select a track.
- Highlight the desired recording.
- Select 🔙 options.
- Select Weather or Delete.

### Setting Drag Race

Multimedia system:

→ Vehicle >> TRACK PACE >> Drag Race

#### Measuring acceleration

Select Acceleration.

Measurement begins when the vehicle accelerates. Measurement is incremental, in steps of 30 mph (50 km/h) to a maximum of 180 mph (300 km/h) or up to the set maximum speed.

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

#### Quarter-mile race

#### Select Quarter Mile.

The time measurement runs until a mile has been traveled or a previously set distance (e.g. quarter mile, third mile or half mile) has been reached.

(i) The possible values for setting the end distance are determined by the system and cannot be freely chosen.

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

#### Manual start for acceleration and 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 Jump start message appears and acceleration or quarter mile measurement will be canceled.

#### Measuring braking

- Select Braking.
- Select Start Record.

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

#### Storing and calling up measurement values

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

After a measurement, select Save measurement? .

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

#### **Editing measurements**

- Select History.
- Highlight the desired measurement.
- Select 🛏 options.
- Select Weather or Delete.

(i) 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, such as:

- · 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 between 30 seconds and a maximum of 20 minutes.

#### Configuring AMG TRACK PACE

#### Requirements: To use the TRACK PACE app:

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

Multimedia system:

#### → Vehicle → TRACK PACE → Options

### Setting driver profiles

Select Driver Profile.

Create a new driver profile.

- or
- Select an existing driver profile. The driver profile is activated.
- (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
- Distance driven
- Number of Track Races, Drag Races and laps driven
- Maximum design 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 (→ page 24).

#### Setting acoustic feedback

Select Acoustic feedback.

The following settings are available:

- Loud
- Medium
- Quiet

#### • Off

Select a setting.

## Activating/deactivating additional information

Activate 🗹 or deactivate 🗌 Display help.

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

Confirm popups with OK or select Do not display.

### Calling up information

Select Info.

The following information is displayed:

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

#### 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 ceramic high-performance composite braking system:

**NOTE** Damage to the ceramic brake disk when changing a wheel

Mercedes-AMG vehicles with ceramic brake disks: during removal and repositioning of the wheel, the wheel rim may strike the ceramic brake disk and damage it.

- Take particular care.
- Ask another person for assistance or use a second centering pin.
- When changing the wheel, avoid exerting any force on the brake discs.
   This can lead to impaired comfort during braking.

#### Cover of jack support points

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

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



Cover of jack support points

▲ WARNING Risk of injury from incorrect positioning of the jack

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

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

#### **NOTE** Vehicle damage from the jack

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

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

#### **Operating fluids**

#### Fuel

#### Information on fuel grades for Mercedes-AMG vehicles

Observe the information on 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 spark-ignition engine fuel.

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

Never refuel with one of the following fuels:

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

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

If you have accidentally refueled with the wrong fuel:

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

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

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

As a temporary measure, if the recommended fuel is not available, you may also use regular unleaded gasoline. When doing this, note the octane number on the vehicle on the information label in the fuel filler flap (see the vehicle's Operator's Manual). Filling up with regular unleaded gasoline can 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

Model	Total capacity
All models (Coupe and Convertible)	17.4 gal (66.0 liters)
Model	Of which reserve
Mercedes-AMG C 43 4MATIC (Coupe and Convertible)	1.8 gal (7.0 liters)
All other models (Coupe and Converti- ble)	2.6 gal (10.0 liters)

### Quality and capacity of engine oil

Model	MB-Freigabe or MB- Approval		
Mercedes-AMG C 43 4MATIC (Coupe and Convertible)	229.5		
All other models (Coupe and Converti- ble)	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.

#### Mercedes-AMG C 63 and Mercedes-AMG

**C 63 S:** only use engine oils of viscosity class SAE 0W-40 or SAE 5W-40.

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

Model	Capacity			
Mercedes-AMG C 43 4MATIC (Coupe and Convertible)	6.9 US qt (6.5 liters)			
All other models (Coupe and Converti- ble)	9.5 US qt (9.0 liters)			

#### **Coolant capacity**

Model	Capacity		
Mercedes-AMG C 43 4MATIC (Coupe and Convertible)	11.5 US qt (10.9 liters)		
All other models (Coupe and Converti- ble)	11.7 US qt (11.1 liters)		

## Filling capacity for refrigerant and PAG oil

Model	Refrigerant
Mercedes-AMG C 43 4MATIC (Coupe and Convertible)	22.2 ± 0.4 oz (630 ± 10 g)
All other models (Coupe and Converti- ble)	21.5 ± 0.4 oz (610 ± 10 g)
Model	PAG oil
All other models (Coupe and Converti- ble)	2.8 ± 0.4 oz (80 ± 10 g)

- Condition of the suspension
- Optional equipment

## Height when opened

Example: Coupe



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#### **Vehicle dimensions**

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

- Tires
- Load

Model	Height when opened
Mercedes-AMG C 43 4MATIC (Coupe)	71.6 in (1819 mm)
All other models (Coupe)	71.5 in (1815 mm)
Mercedes-AMG C 43 4MATIC (Cabrio)	59.0 in (1500 mm)
All other models (Cabrio)	58.9 in (1496 mm)

## Vehicle dimensions

Mercedes-AMG C 43 4MATIC (Coupe)		
Vehicle length	184.8 in (4693 mm)	
Vehicle width including out- side mirrors	79.4 in (2016 mm)	

### Mercedes-AMG C 43 4MATIC (Coupe)

Vehicle height	55.2 in (1402 mm)	
Wheelbase	111.8 in (2840 mm)	
Turning radius	39.7 ft (12.10 m)	
All other models (Coupe)		
Vehicle length	187.0 in (4751 mm)	
Vehicle width including out- side mirrors	79.4 in (2016 mm)	
Vehicle height	55.2 in (1401 mm)	
Wheelbase	111.8 in (2840 mm)	
Turning radius	38.7 ft (11.80 m)	

Mercedes-AMG C 43 4MATIC (Cabrio)	
Vehicle length	184.8 in (4693 mm)
Vehicle width including out- side mirrors	79.3 in (2016 mm)
Vehicle height	55.3 in (1405 mm)
Vehicle height when opening/ closing the roof	78.9 in (2004 mm)
Wheelbase	111.8 in (2840 mm)
Turning radius	39.7 ft (12.10 m)
All other models (Cabrio)	
Vehicle length	187.1 in (4751 mm)
Vehicle width including out- side mirrors	79.3 in (2016 mm)

55.3 in (1404 mm)
78.7 in (2000 mm)
111.8 in (2840 mm)
38.7 ft (11.80 m)

### Weights and loads

Please observe the following notes for the specified vehicle data:

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

Model	Maximum roof load
All models (Coupe)	165 lb (75 kg)

Maximum desi	gn speeds		Maraadaa AMC C 42		Maraadaa AMC C 63
The following values only apply to vehicles with the AMG Driver's Package. Missing values were not available at time of			4MATIC (Coupe) Mercedes-AMG C 43 4MATIC (Cabrio)		(Coupe) Mercedes-AMG C 63 (Cab- rio)
going to print.		8th gear		8th gear	
	Mercedes-AMG C 43	9th gear		9th gear	
	Mercedes-AMG C 43 4MATIC (Cabrio)		Mercedes-AMG C 63 (Coupe)		Mercedes-AMG C 63 S (Coupe)
1st gear			rio)		rio)
2nd gear		1st gear		1st gear	
3rd gear		2nd gear		2nd gear	
4th gear		3rd gear		3rd gear	
5th gear		4th gear		4th gear	
6th gear		5th gear		5th gear	
7th gear		6th gear		6th gear	
		7th gear		7th gear	

 Mercedes-AMG C 63 S (Coupe)

 Mercedes-AMG C 63 S (Cabril)

 Mercedes-AMG C 63 S (Cabril)

 8th gear

 9th gear

## **38** Display messages and warning/indicator lamps

Display messages	
Vehicle	
Display messages	Possible causes/consequences and > Solutions
Electronic Rear Axle Differ- ential Lock Inoperative	<ul> <li>* The electronic locking differential has failed.</li> <li>&gt; Consult a qualified specialist workshop.</li> </ul>
Electronic Rear Axle Differ- ential Lock Currently Unavailable	<ul> <li>* The electronic locking differential is overheated.</li> <li>&gt; Let the electronic locking differential cool down by driving defensively.</li> </ul>
Traction Control Inopera- tive See Operator's Manual	<ul> <li>* The traction control is malfunctioning.</li> <li>E Consult a qualified specialist workshop.</li> </ul>

## Driving systems

Display messages	Possible causes/consequences and > Solutions
RACE START Not Possible See Operator's Manual	<ul> <li>* Possible causes:</li> <li>The activation conditions have not been fulfilled (→ page 17).</li> </ul>

Display messages	Possible causes/consequences and > Solutions
RACE START Canceled	<ul> <li>* Possible causes:</li> <li>You released the accelerator pedal during RACE START.</li> <li>You depressed the brake pedal during RACE START.</li> <li>You can try RACE START again at the next start.</li> </ul>
Malfunction Drive at Max. 50 mph	<ul> <li>* AMG adaptive sport suspension system is malfunctioning. The vehicle's handling characteristics may be affected.</li> <li>Do not drive at speeds greater than 50 mph (80 km/h).</li> <li>Consult a qualified specialist workshop.</li> </ul>

## **40** Display messages and warning/indicator lamps

Warning and indicator lamps	
Vehicle	
Warning/indicator lamp	Possible causes/consequences and > Solutions
Warning lamp for traction control	<ul> <li>* The warning lamp for traction control flashes while you are driving. The traction control intervenes.</li> <li>Function of traction control (→ page 15).</li> </ul>

## Driving systems

Warning/indicator lamp	Possible causes/consequences and > Solutions
۹))))۰	<ul> <li>* The yellow AMG adaptive sport suspension system warning lamp is lit. There is a malfunction in the AMG adaptive sport suspension system.</li> <li>Note the messages on the multifunction display.</li> </ul>
Suspension warning lamp (yellow)	

Driving safety systems	
Warning/indicator lamp	Possible causes/consequences and > Solutions
OFF	<ul> <li>* The yellow ESP<sup>®</sup> OFF warning lamps are lit while the engine is running.</li> <li>ESP<sup>®</sup> is deactivated.</li> <li>Other driving systems and driving safety systems may also be inoperative.</li> </ul>
ESP OFF	WARNING Risk of skidding when driving with ESP <sup>®</sup> deactivated
	<ul> <li>ESP<sup>®</sup> does not act to stabilize the vehicle. The availability of further driving safety systems is also limited.</li> <li>Drive on carefully.</li> <li>Deactivate ESP<sup>®</sup> only for as long as the situation requires.</li> <li>If ESP<sup>®</sup> cannot be activated, ESP<sup>®</sup> is malfunctioning.</li> <li>Have ESP<sup>®</sup> checked immediately at a qualified specialist workshop.</li> <li>Observe the notes on deactivating ESP<sup>®</sup> (→ page 13).</li> </ul>
OFF ESP SPORT	<ul> <li>* ESP<sup>®</sup> SPORT is activated while the engine is running. When ESP<sup>®</sup> SPORT is activated, ESP<sup>®</sup> will stabilize the vehicle only to a limited extent.</li> <li><b>WARNING</b> Risk of skidding if ESP<sup>®</sup> SPORT is used incorrectly When you activate ESP<sup>®</sup> SPORT, there is an increased risk of skidding and having an accident.</li> </ul>

## Display messages and warning/indicator lamps

Warning/indicator lamp	Possible causes/consequences and > Solutions
	Activate ESP <sup>®</sup> SPORT only in the circumstances described below.
	SPORT( $\rightarrow$ page 13).

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see Side airbag

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## AMG Performance adjustable exhaust

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