



AMG Performance Media

Operating Instructions



2315841771

Order no. 6515 9799 13 Part no. 231 584 17 71 Edition B 2013




Mercedes-Benz

Symbols

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

WARNING

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

 Practical tips or further information that could be helpful to you.

- ▶ This symbol indicates an instruction that must be followed.
- ▶ Several of these symbols in succession indicate an instruction with several steps.
- (▷ page) This symbol tells you where you can find more information about a topic.

Display This text indicates an AMG Performance Media message in the COMAND display.

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

You are welcome to forward any queries or suggestions you may have regarding this Operator's Manual to the technical documentation team at the following address:

Daimler AG, HPC: CAC, Customer Service,
70546 Stuttgart, Germany

©Daimler AG: Not to be reprinted, translated or otherwise reproduced, in whole or in part, without written permission of Daimler AG.

Welcome to the world of Mercedes-Benz

Before you drive off, please familiarize yourself with your Mercedes-Benz and read the Operator's Manual and this supplement. This will help you to obtain the maximum pleasure from your vehicle and avoid endangering yourself and others.

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

- Model
- Order
- Country specification
- Availability

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

- design
- equipment
- technical features

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

The following are integral components of the vehicle:

- Operator's Manual
- Maintenance Booklet
- Equipment-dependent supplements

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

- i** In order to save user-specific data from AMG Performance Media, a USB memory stick is required.

The technical documentation team at Daimler AG wishes you safe and pleasant motoring.

Mercedes-Benz USA, LLC
Mercedes-Benz Canada, Inc.
A Daimler Company

Index 4

AMG Performance Media 5

A**AMG**

SETUP 15

C**Characters**

Entering 7

COMAND controller 7

F

Factory settings 17

O

Operating data 8

P

Power display 8

R**Route**

Recording 11

S**Settings**

Units 16

Software update 17

Switching on/off 6

T**Tire pressures**

Displaying 9

U**USB**

Operation 17

USB port 8

Operating safety

Important safety notes

WARNING

In order to avoid distraction which could lead to an accident, the driver should enter system settings while the vehicle is at a standstill, and operate the system only when permitted by road, weather and traffic conditions.

Bear in mind that at a speed of just 30mph (approximately 50km/h), your car covers a distance of 44feet (approximately 14m) every second.

COMAND supplies you with information to help you select your route more easily and guide you conveniently and safely to your destination. For safety reasons, we encourage the driver to stop the vehicle in a safe place before answering or placing a call, or consulting the COMAND screen to read navigational maps, instructions, or downloaded information.

Declaration of conformity

i USA only: The wireless devices of this vehicle comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) These devices may not cause interference, and
- 2) These devices must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

i Canada only: The wireless devices of this vehicle comply with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- 1) These devices may not cause interference, and

- 2) These devices must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Observe the legal requirements of the country in which the vehicle is located when operating AMG Performance Media.

Function restrictions

For safety reasons, some functions are restricted or unavailable while the vehicle is in motion. You will notice this, for example, because you will either not be able to select certain menu items or because AMG Performance Media will display a message to that effect.

Problem-free use

Run-on time

AMG Performance Media remains operational for approximately 5 minutes after the ignition has been switched off (e.g. when refueling).

Information on copyright

General information

Information on licenses for free and Open Source software used in your vehicle and in the electronic components can be found on this website:

<http://www.mercedes-benz.com/opensource>

Useful information


AMG Performance Media provides vehicle-specific information on:

- Coolant, engine oil and transmission fluid temperature
- Torque, power and accelerator position (0 to 100 percent)
- Tire pressure display for all wheels.


The Race function allows you to save and evaluate all types of tracks, including sector and lap times. All information is displayed on the COMAND display, and the functions are operated using the COMAND controller.

Operation

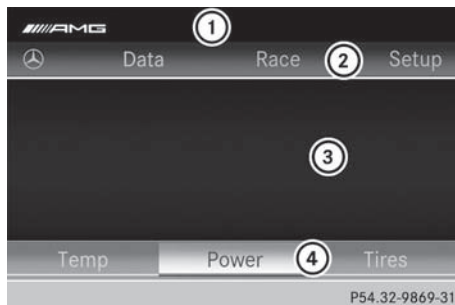
Switching AMG Performance Media on/off

- ▶ **To switch on:** switch on COMAND, see the COMAND Operating Instructions.
- ▶ Press the  button.

It takes approximately 20 seconds from the time you enter the vehicle for AMG Performance Media to respond to a button being pressed.

Then, when you press the  button the boot logo appears first, followed by a warning. Each time the button is pressed thereafter, the system returns directly to the last screen.

C-Class only: You can only switch to AMG Performance Media when the ignition is switched on.





Example display

- ① Status bar
- ② Main function bar
- ③ Display/selection window
- ④ Menu bar

i The small triangle behind a main function indicates that this main function is currently active.

- ▶ **To switch off:** press the  button.

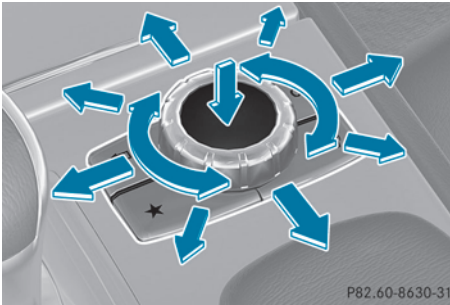
or

- ▶ Slide  the controller to select the Mercedes star in the main function bar.
- ▶ Press  the controller.

The operating status of AMG Performance Media is indicated by the indicator lamp on the AMG button (C-Class only).

Indicator lamp	Status of AMG Performance Media
Flashing	Starting
Off	COMAND appears in the display
On	AMG Performance Media appears in the display

COMAND controller



The controller can be:

- pressed briefly or pressed and held
- turned clockwise or counter-clockwise
- slid left or right
- slid forwards or backwards
- slid diagonally

These functions allow you to navigate within the AMG Performance Media submenus.

Selecting menus

To switch between the main function bar, display window and menu bar:

- ▶ Slide the controller.
The active area is highlighted.

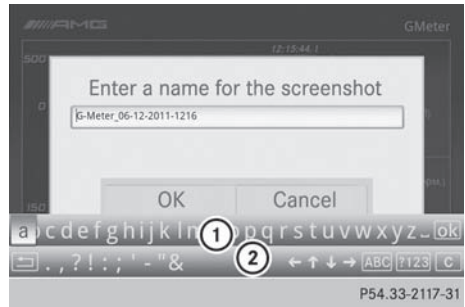
To select a main function/menu item:

- ▶ Slide or turn the controller and press to confirm.
The selected menu item is highlighted white.

Entering characters (character bar)

Entering characters is only possible when the vehicle is stationary.

The character entry function is used to enter file names when saving screenshots or tracks.



- ① Entering characters, confirming the entry
- ② Entering special characters, switching between upper/lower-case letters and numbers, deleting characters

- ▶ **To select a character:** turn the controller.
- ▶ **To confirm your selection:** press the controller.
- ▶ **To switch between letters and special characters:** slide the controller.
- ▶ **To switch between upper-case letters, lower-case letters and numbers:** select , or and press the controller to confirm.
- ▶ **After completing your entry:** select and press the controller to confirm.

Deleting an entry

- ▶ **To delete the last character entered:** press the button next to the controller.
or
- ▶ Select and press the controller to confirm.
- ▶ **To delete the entire entry:** press and hold the button next to the COMAND controller.

USB stick

Important safety note

WARNING

Only when the vehicle is stationary should you:


- insert a USB stick
- remove a USB stick

There is a risk of being distracted from the road and traffic conditions if you do so while the vehicle is in motion.

Connecting a USB memory stick

- ▶ Open the glove box.
- ▶ Insert the USB stick.
- ▶ Close the glove box.

Deactivate the USB stick before removing it. Otherwise, data on the USB stick may be lost or damaged (> page 17).

 If the USB stick is not recognized by AMG Performance Media, the file system of the USB stick may be damaged. Reformat the USB stick on a PC (file system FAT32).



Data function

Calling up the data function

Using this function vehicle-specific data on:

- temperature
- performance
- suspension (only for the SL-Class)
- tires

can be called up and graphically displayed.

- ▶ Slide  the controller to select **Data** from the main function bar and press  to confirm.

You can now select and display data on temperature, performance, the suspension (only for the SL-Class) and tires from the menu bar.



Temp menu



Displays:

- Coolant temperature
- Engine oil temperature
- Transmission fluid temperature

To call up the temperature menu:

- ▶ Slide  the controller to select **Temp** in the menu bar.
- ▶ **To display in full screen:** press  the controller.

Power menu



Displays:

- Torque
- Power
- Accelerator position (0-100%)

To call up the power menu:

- ▶ Slide ←⊙→ the controller to select **Power** in the menu bar.
- ▶ **To display in full screen:** press ⊙ the controller.

Suspension menu

This function is available on SL-Class vehicles.



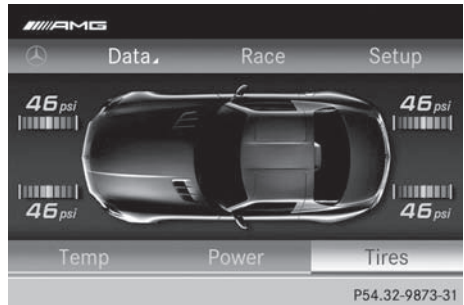
Displays:

- Raising of the suspension level manually (activation on the instrument cluster)
- Suspension level
- Suspension mode (Sport or Comfort)
- Plunger travel for the four ABC dampers
- Low-beam headlamps
- Brake lamp
- Soft top open/closed

To call up the suspension menu:

- ▶ Slide ⊙→ the controller and select **Suspension** in the menu bar.
- ▶ **To display in full screen:** press ⊙ the controller.

Tires menu



Example: C-Class

Tire pressure display for all wheels.

To call up the tires menu:

- ▶ Slide ⊙→ the controller and select **Tires** in the menu bar.
- ▶ **To display in full screen:** press ⊙ the controller.

Race function

General notes

Only use the **Race** function on a closed race circuit. This feature is only for use on roads and in conditions where high speed driving is permitted. Racing on public roads is prohibited. The driver is and must always remain responsible for following posted maximum speed limits.

The **Race** function provides the following features:

- Display of various parameters
- G-Meter including history
- Track (track recording and evaluation)
- Measurement of acceleration and braking

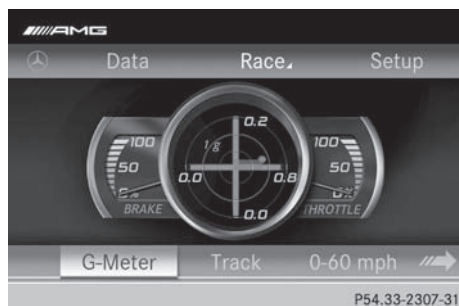
i The accuracy of the recorded data depends on the quality of the satellite signal received. AMG Performance Media may not receive a satellite signal if the vehicle is near high buildings, trees or in a valley.

- ▶ Slide $\leftarrow \rightarrow$ the controller to select **Race** from the main function bar and press \odot to confirm. A warning message appears.
- ▶ Confirm the warning message by pressing \odot the controller.

G-Meter menu

Calling up the G-Meter menu

- ▶ Slide $\odot \leftarrow$ the controller and select **G-Meter** in the menu bar.
- ▶ **To display in full screen:** press \odot the controller.



Displays:

- Brake pedal position (0-100%)
- Latitudinal/longitudinal acceleration
- Accelerator pedal position (0-100%)

Displaying a 10-minute history of values

- ▶ Press \odot the controller in the full-screen display. A selection list appears.
 - **History**
 - **Reset Max**
 - **Exit Fullscreen**
- ▶ Select **History** and press \odot to confirm.

Graphical display of:

- Lateral acceleration
- Steering angle

- Longitudinal acceleration
- Speed

- i** You can only display the history when the vehicle is stationary.
- i** When a USB stick is connected, screenshots of the graphics can be saved on the USB stick.

To call up history options:

- ▶ Press \odot the controller in the history display.
- ▶ A selection list appears.
 - **Reset History:** resets the history
 - **Screenshot:** saves a screenshot (bitmap) of the history to a USB stick.
 - **Exit History:** returns to the G-Meter display

To reset the history:

- ▶ Select **Reset History** and press \odot to confirm. A confirmation prompt appears.
- ▶ Select **Yes** or **No** and press \odot to confirm. If you select **No**, the process will be canceled. If you select **Yes**, the history is reset.

To save a screenshot:

- ▶ Connect a USB memory stick (▷ page 8).
- ▶ Select **Screenshot** and press \odot to confirm. A character entry dialog appears. Here you can enter a name for the screenshot (▷ page 7).
- ▶ When you have finished entering the name, select **ok** from the character bar and press \odot to confirm.
- ▶ **To reset stored maximum values:** press \odot the controller when in the G-Meter full-screen view.
- ▶ Select **Reset Max** and press \odot to confirm. This resets the maximum values on the G-Meter display (gray bar).

Track menu

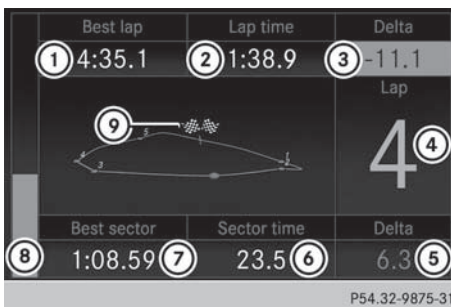
Overview

The **Track** menu allows you to record and store tracks, which are divided into sectors. The following values are recorded for later evaluation:

- Time
- Speed
- Gear
- Brake pedal
- Accelerator pedal
- Longitudinal acceleration
- Lateral acceleration
- Steering angle

Calling up the track menu

- ▶ Slide the controller and select **Track** in the menu bar.
- ▶ **To display in full screen:** press the controller.



- ① Best time (lap)
- ② Current time (lap)
- ③ Difference between the current lap time and best lap
- ④ Lap number
- ⑤ Difference between current sector time and best sector time
- ⑥ Current time (sector)
- ⑦ Best time (sector)
- ⑧ Driven (lap in %)
- ⑨ Start/finish

The current position of the vehicle is marked by a red dot.

- ▶ **i** If there is an improvement in a sector/lap time compared to the previous lap, this is shown in green. A sector/lap time that is worse is shown in red.

Track options selection menu

- ▶ Press the controller in full-screen view. A selection menu appears:
 - **History:** graphical representation of the recorded values.
 - **Select Track:** selects a track from the overview.
 - **Record Track:** records a track in the overview.
 - **Delete Track:** removes a selected track from the overview.
 - **Import Tracks:** imports track data in .gpx file format from a connected USB stick (folder name "tracks").
 - **Export Tracks:** exports track data in .gpx file format to a connected USB stick.
 - **Exit Track:** exits the track menu.

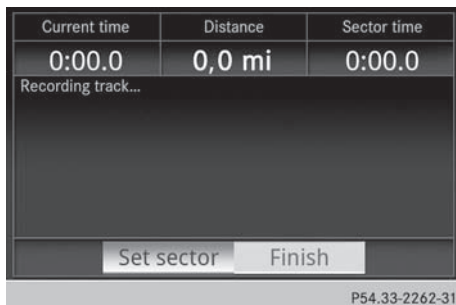
- ▶ **i** Pre-installed tracks cannot be deleted from AMG Performance Media.

Two race tracks are installed in AMG Performance Media at the factory:

- Nürburgring (Nordschleife race track)
- Hockenheimring (race track)

Recording race tracks

- ▶ Press the controller in the track full-screen view.
- ▶ Select **Record Track** from the selection menu and press the controller to confirm. A prompt appears.
- ▶ Confirm recording with **OK**.
- ▶ Carefully drive the desired track and define the sectors using **Set sector**.



i The accuracy of the recorded sectors can be improved by reducing the speed of the vehicle when recording.

▶ Select **Done** when finished recording the track.

i AMG Performance Media automatically recognizes the race track when the lap has been completed.

▶ When prompted to save the track, select **Yes**.

A character entry dialog appears. Here you can enter a name for the track (> page 7).

▶ When you have finished entering the name, select **OK** from the character bar and press **Enter** to confirm.

i Entering characters is only possible when the vehicle is stationary. Otherwise, the track is given a name.

▶ When prompted to save the track, select **OK**.

History (track)

i It is only possible to select the history screen when the vehicle is stationary.

When a USB stick is connected, screenshots of the graphics can be saved on the USB stick.

▶ **To move the indicator along the route when in Track full-screen view:** turn **Left/Right** or slide **Left/Right** the controller.

▶ Press **Enter** the controller.
The History appears.

▶ Press **Enter** the controller.
A selection list appears.

Single laps

Graphical representation of the recorded values of a lap.



Displays:

- Speed
- Accelerator position (0-100%)
- Brake pressure (0-100%)
- Steering angle
- Gear

When **Single Lap** is selected, the first lap is automatically displayed.

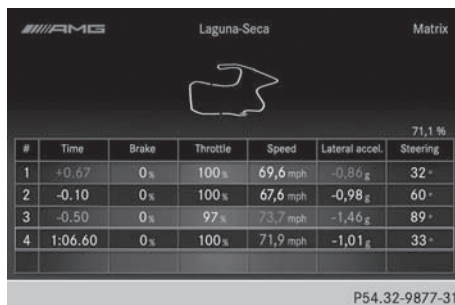
▶ **To switch displays:** press **Enter** when in full screen view.

▶ Call up the **Select Lap** function.
A selection list appears.

▶ Select a lap from the list and press **Enter** to confirm.
The selected lap is displayed graphically.

Matrix


Comparison of recorded values from up to five laps.

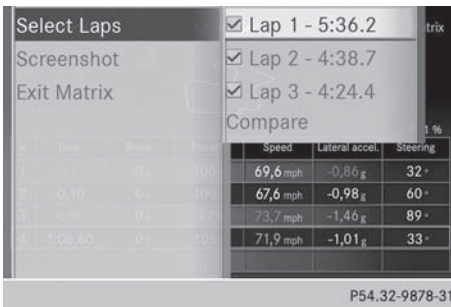



Displays:

- Difference between the current lap time and best lap time
- brake pedal position (0-100%)
- accelerator position (0-100%)
- Speed
- Lateral acceleration
- Steering angle

When **Matrix** is selected, the first five laps are automatically displayed.

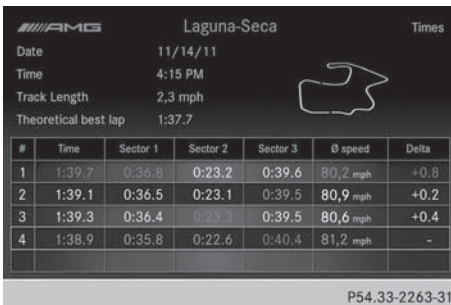
► **To switch displays:** press  the controller when in full-screen view.



- Call up the **Select Laps** function. A selection list appears.
- Select up to five laps from the list and press  to confirm.
- Select **Show**. A comparison of the selected laps is displayed.

Times

Comparison of recorded values from up to five laps.



Displays:


- Date
- Time
- Length of route
- Theoretical best time
- Lap and sector times
- Average speed
- Delta for the best time

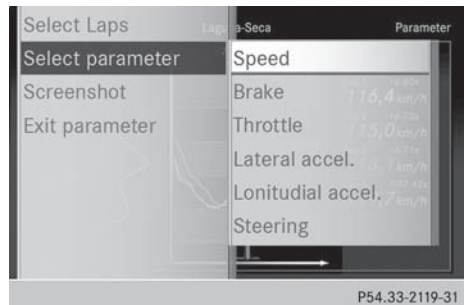
Parameter




Comparison of a recorded value for up to five laps.



When a parameter has been selected, the speed of the first five laps is displayed automatically.


► **To switch displays:** press  when in full screen view.



- ▶ Call up the **Select Laps** function.
A selection list appears.
- ▶ Select up to five laps from the list and press  to confirm.
- ▶ Select **Show**.
A comparison of the selected laps is displayed.
- ▶ **To switch parameters:** press  when in full screen view.
- ▶ Call up the **Select parameter** function.
A selection list appears.
- ▶ Select parameters from the list and press  to confirm.
A comparison is displayed.

Import



Imports racing figures in .bin file format from an inserted USB stick, using the naming convention "history_YYYY-MM-DD_HH-MM-SS.bin" (example: history_2011-06-01_15-36-54.bin).

-  When naming the file, please observe that the name is entered correctly. Otherwise, AMG Performance Media cannot access the file. If several files are stored on the USB stick, it is always the most recent file that is imported. The files must be in the "exported_history" folder.

Export



Exports racing figures in the .XML and .bin file formats to an inserted USB stick.

0-60 mph menu



- ▶ Slide  the controller to select **0-60 mph** from the menu bar.
- ▶ **To display in full screen:** press  the controller.





Displays:

- Speed
 - Time
 - Distance
- ▶ Select **Speed** by sliding  and press .



- ▶ Set the end speed in 5 mph increments by turning  the controller and press  to confirm.

Mode

- ▶ Select **Mode** by sliding  and press .

You can select acceleration or braking.

Acceleration

When the vehicle pulls away (wheel movement), measurement of the acceleration is started automatically. Measurement stops after the predetermined time or once the end speed has been reached. The measured values are displayed digitally until the next measurement is initiated.

Braking

Measurement is started automatically as soon as the speed reached. Measurement ends once the vehicle is stationary.

The measured values are displayed digitally until the next measurement is initiated.

- Information on [Race Start](#) can be found in the vehicle Operator's Manual.

1/4-mile menu

- Slide $\leftarrow \odot \rightarrow$ the controller and select **1/4 Mile** in the menu bar.
- To display in full screen:** press \odot the controller.



Displays:

- Speed
- Time
- Track

1/8 Mile, 1/4 Mile or 1/2 Mile can be selected.

- Slide $\uparrow \odot \downarrow$ the controller to select **Route** and press \odot to confirm.
- Select **1/8 Mile** or **1/4 Mile** or **1/2 Mile** by sliding $\uparrow \odot \downarrow$ the controller and press \odot to confirm.

When the vehicle pulls away (wheel movement), measurement of the acceleration is started automatically. Measurement stops after the predetermined time or once the distance in miles entered has been reached.

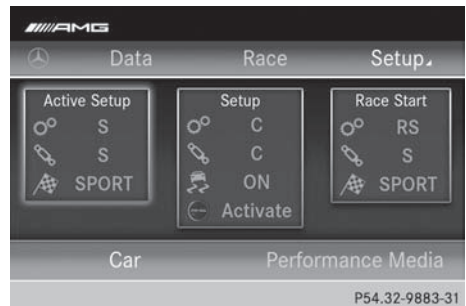
The measured values are displayed digitally until the next measurement is initiated.

- Information on [Race Start](#) can be found in the vehicle Operator's Manual.

Setup function

Vehicle menu

- Slide $\odot \rightarrow$ the controller to select **Setup** from the main function bar and press \odot to confirm.
- Slide $\leftarrow \odot$ the controller and select **Car** in the menu bar.
- To display in full screen:** press \odot the controller.



Determine specific vehicle settings for a driving situation (gearbox mode, suspension settings, ESP[®] mode).

- You can only carry out a setup when the ignition is switched on. When activated, ESP mode can only be changed when the engine is running.
- Slide $\leftarrow \odot \rightarrow$ the controller to the desired settings package and press \odot to confirm.

- **Active Setup:** current settings
- **Setup:** saved settings
- **Race Start:** activates the Race Start function.

i Further information on RACE START can be found in the vehicle Operator's Manual.

- ▶ Select vehicle settings (gearbox mode, suspension settings, ESP® mode) and press to open.



- ▶ **To change settings:** turn the controller.
- ▶ Confirm the settings by pressing .
- ▶ **To activate settings you have made:** slide the controller to select **Activate** in the **Setup** settings package and press to confirm. The new settings are now the active settings.

i The **ESP OFF** setting cannot be saved.

To activate saved settings:

- ▶ SLS and SL only: press and hold the button for approximately 3 seconds.
- ▶ For all models: slide the controller to select **Activate** in the **Setup** settings package and press .

Performance Media menu

Calling up the menu

- ▶ Slide the controller to select **Setup** from the main function bar and press to confirm.
- ▶ Slide the controller and select **Performance Media** in the menu bar.
- ▶ **To display in full screen:** press the controller.



In the **Performance Media** menu, you can carry out the following functions:

- Selecting units
- Restoring the factory settings
- Updating the system software
- Ejecting the USB stick
- Displaying system information

Units menu

- ▶ Slide the controller to select **Units & Gauges** from the display window and press to confirm.

You can select the units in which the following vehicle data is displayed:

- Temperature
- Torque
- Performance
- Speed
- Pressure

Factory settings

AMG Performance Media can be completely restored to factory settings. All data is deleted, including personal settings (e.g. stored values). Resetting is recommended before selling or transferring ownership of your vehicle, for example. If necessary, the data stored in the system can be exported to a USB stick.

- ▶ Slide ←⊙→ the controller to select **Factory Reset** from the display window and press ⊕ to confirm.
- ▶ When prompted to restore the factory settings, select **Yes**.
The system is restarted automatically. This process takes approximately 60 seconds.

Updating the system

You can obtain information on software updates and a zipped file containing the update data (update.zip) from your authorized Mercedes-Benz Center.

To save data from a computer to a USB stick:

- ▶ On the USB stick, create a folder called "updates".
- ▶ Copy the "update.zip" file to the "updates" folder.

i Observe that the correct spelling is used. Otherwise, AMG Performance Media cannot access the folder.

i In order to conserve the starter battery, the update should be carried out when the engine is running. COMAND can be used without restriction during the update process.

WARNING

Never leave the engine running in enclosed spaces. The exhaust gases contain toxic carbon monoxide. Inhaling exhaust fumes constitutes a health hazard and could lead to loss of consciousness or even death.

- ▶ Connect the USB stick in the vehicle.
- ▶ Turn the SmartKey to position 1, 2 or 3.
- ▶ Slide ←⊙→ the controller to select **Update System** from the display window and press ⊕ to confirm.

The system is restarted automatically. This process takes approximately 60 seconds.



The update will run automatically following the restart. A progress bar appears. The system will restart a second time when the update is complete.

Ejecting the USB stick

The USB stick can be safely removed using this function.

Deactivate the USB stick before removing it. Otherwise, data on the USB stick may be lost or damaged.

- ▶ Slide ←⊙→ the controller to select **Eject USB Stick** from the display window and press ⊕ to confirm.

System information

You can display system information such as the software product number, software version, kernel version, Android version, etc.

- ▶ Slide ⊙→ the controller to select **System info** from the display window and press ⊕ to confirm.

