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# E-Class Sedan

Mercedes-AMG Supplement

Mercedes-Benz



# **Symbols**

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.

- 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
- (  $\rightarrow$  page) Further information on a topic
- Display 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 system
- \* Indicates a cause

**>>** 

### **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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As at 24.05.16

#### 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

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A Daimler Company



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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 print. Country-specific differences are possible. Bear in mind that your vehicle may not feature all functions described here. This also applies to safety-relevant systems and functions. 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 kept in the vehicle.

# Operating safety

A

**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.

A

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

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

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

▲ WARNING Risk of accident or injury due to incorrect modifications on electronic component parts

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

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

Never tamper with the wiring and electronic component parts or their software.

- You should have all work on electrical and electronic components carried out at a qualified specialist workshop.
- I NOTE Damage to the vehicle

Damage to the vehicle may occur in the following cases:

- The vehicle becomes grounded, e.g. on a high curb or an unpaved road.
- The vehicle is driven too fast over an obstacle, e.g. a curb, speed bump or pothole.
- A heavy object strikes the underbody or parts of the chassis.

In situations such as this, the body, the underbody, chassis parts, 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, no longer withstand the strain they are designed to.

If the underbody paneling is damaged, flammable materials such as leaves, grass or twigs can gather between the underbody and the underbody paneling. If these materials come into contact with hot parts on the exhaust system, they may catch fire.

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, paying attention to road and 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 specialist knowledge, tools and qualifications to correctly carry out the work required on your vehicle. This particularly applies to work relevant to safety.

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

- Work relevant to safety
- Service and maintenance work
- · Repair work
- Modifications, installations and conversions
- · Work on electronic component parts

# Correct use of the vehicle

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

Observe the following information when driving your vehicle:

- the safety notes in this manual
- the vehicle technical data
- traffic rules and regulations
- laws and safety standards pertaining to motor vehicles

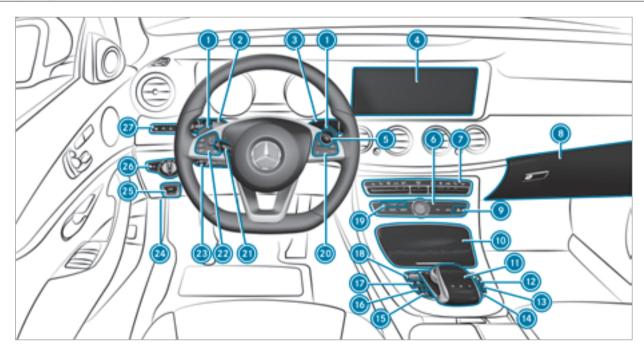
# **Limited Warranty**

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

Damage to the vehicle can arise from culpa-

ble violation of these operating instructions.
This damage is not covered either by the
Mercedes-Benz Limited Warranty or by the
New Vehicle or Used Vehicle Warranty.

 Follow the instructions in this manual on proper operation of your vehicle as well as on possible vehicle damage.



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AMG Performance exhaust system (Mercedes-	$\rightarrow$	14	Control panel for:		
AMG E 63 4MATIC and E63 S 4MATIC only)			Steering Pilot		
© ECO start/stop function			Active Lane Keeping Assist		
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(19) To activate/deactivate ESP®	$\rightarrow$	21	Head-up Display		
To activate/deactivate SPORT handling mode	$\rightarrow$	21			

# **Reduced protection**

The AMG sport seat and the AMG Performance seat are designed for the standard three-point seat belt. If you install another multipoint seat belt, e.g. sport or racing seat belts, the restraint system may not provide the correct level of protection.

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

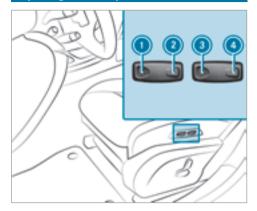


**WARNING** Risk of injury or fatal injury due to modified seat belt systems

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

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

# Adjusting the AMG performance seat



You can adjust the front seats individually to adjust the contour of the seat and to improve lateral support.

- ➤ Side bolster on the seat cushion: press button ① or ② to narrow or widen.
- Seat side bolster on the seat backrest: press button 3 or 4 to narrow or widen.

### Notes on breaking-in a new vehicle

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 1/min) only briefly.
- Mercedes-AMG E 43 4MATIC: Drive in drive program C or E.
- Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 S 4MATIC: Drive in drive program C.
- Change up before the tachometer needle is <sup>2</sup>/<sub>3</sub> 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 beyond 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 running-in notes:

- In certain driving and driving safety systems, the sensors adjust automatically while a certain distance is being driven after the vehicle has been delivered or after repairs. Full system effectiveness is not achieved until the end of this teach-in process.
- Brake linings, 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 rear axle locking differential

The rear axle locking differential is only available for the Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 S 4MATIC models.

Changing the oil at the rear axle prolongs the service life of the differential.

Have the oil change carried out at a qualified specialist workshop:

- After a breaking-in period of 2000 miles (3000 km).
- Every 30000 miles (50000 km) or three years.

#### Operation of the ECO start/stop function

The engine is switched off automatically:

- If 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 A symbol appears in the multifunction display when the vehicle is stationary.

The engine is restarted automatically if:

- You release the brake pedal with the transmission in 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.
- Mercedes-AMG E 43 4MATIC: You switch to drive program S+.
- Mercedes-AMG E 63 4MATIC: You switch to drive program S or S+.
- Mercedes-AMG E 63 S 4MATIC: You switch to drive program S, S+ or RACE.
- You permanently activate manual gearshifting.
- You pull the left-hand steering wheel gearshift paddle.
- You change the vehicle level.
- 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.

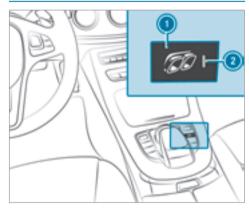
# AMG Performance exhaust system Function of the AMG Performance exhaust

The AMG Performance exhaust system is only available for the Mercedes-AMG E 63 4MATIC and Mercedes-AMG F 63 S 4MATIC models.

system

Changing the position of the exhaust gas flap allows you to select the volume of the AMG Performance exhaust system.

# Operating the AMG Performance exhaust system



Press button ①.
 If indicator lamp ② lights up, the loudest setting is selected.

# Tips for the AMG ceramic high-performance composite brake system

The AMG ceramic high-performance composite brake system is only available for the Mercedes-AMG E 63 S 4MATIC model.

The AMG ceramic high-performance composite brake system is designed for heavy loads. This may lead to noise when braking.

The noise depends on the following factors:

- Speed
- · Brake force
- Environmental conditions such as temperature and air humidity

Have the brake system checked at a qualified specialist workshop after it has been subjected to extreme use.

#### Function of the DYNAMIC SELECT switch

This section describes the function of the DYNAMIC SELECT switch for the Mercedes-AMG F 43 4MATIC model.

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

- I (Individual): individual settings
- E (Economy): particularly economical driving style
- **C (Comfort):** comfortable and economical driving style
- **S (Sport):** sporty driving style
- S+ (Sport Plus): particularly sporty driving style

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

- Drive system
  - Engine and transmission management
  - Distance Pilot DISTRONIC
- Suspension
- 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

# Function of the DYNAMIC SELECT switch

This section describes the function of the DYNAMIC SELECT switch for the Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 \$ 4MATIC models.

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

- I (Individual): individual settings
- C (Comfort): comfortable and economical driving style
- S (Sport): sporty driving style
- **S+ (Sport Plus):** particularly sporty driving style

 Mercedes-AMG E 63 S 4MATIC: RACE: extremely sporty driving

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

- Drive (engine management)
- Transmission management
- ESP<sup>®</sup>
- Suspension
- Position of the exhaust gas flaps
- Steering
- Availability of the ECO start/stop function
- Driver assistance systems
- Availability of gliding mode
- You can also change the following vehicle characteristics using the buttons in the center console:
  - · Position of the exhaust gas flaps
  - ECO start/stop function
  - ESP<sup>®</sup>
  - Suspension

Manual gearshifting

# Configuring drive program I

Multimedia system:

→ Vehicle → DYNAMIC SELECT → Individual

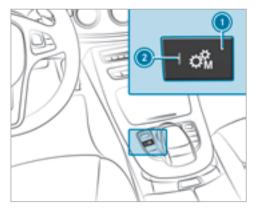
Select the individual setting.

#### 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.
- Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 S 4MATIC: To permanently shift the gears in drive program I yourself using the steering wheel gearshift

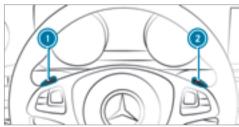
paddles, select setting **M** (Manual) for the transmission.

NOTE Damage to the engine due to shifting up too late

The automatic transmission does not shift up even when the limiting speed of the engine 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 does become too high or too low, you cannot change gear using the steering wheel gearshift paddles. In this case, segments 
ight up red.

#### Gearshift recommendation

The gearshift recommendations assist you in adopting an economical driving style.



If gearshift recommendation message (a) is shown in the multifunction display, shift to the recommended gear.

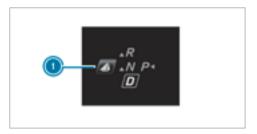
# Using kickdown

- Manual gearshifting: kickdown is only possible if you have activated manual gearshifting with the steering wheel gearshift paddles. If you have activated manual gearshifting with the button in the center console, kickdown is not possible.
- Maximum acceleration: depress the accelerator pedal beyond the pressure point.

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

Ease off the accelerator pedal once the desired speed is reached.

### Glide mode function



Glide mode is characterized by the following:

• The combustion engine is disconnected from the drivetrain.

- The engine speed corresponds to the idle speed.
- Status icon (1) is shown in the multifunction display.

Glide mode is activated if the following conditions are met:

- The ECO start/stop function is activated.
- Mercedes-AMG E 43 4MATIC: Drive program E is selected.
- Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 S 4MATIC: Drive program C is selected.
- You are no longer depressing the accelerator or brake pedal.
- The speed is within a suitable range.
- The course of the road is suitable, e.g. no steep uphill or downhill gradients.
- Mercedes-AMG E 43 4MATIC: Glide mode can also be activated if you have selected the "Eco" setting for the drive (engine management) in drive program I.

Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 S 4MATIC: Glide mode can also be activated if you have selected the "Comfort" setting for the drive (engine management) in drive program I.

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

# Functions of ESP® (Electronic Stability Program)

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

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

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

You can select between the following modes of ESP®:

- FSP® 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 roads.

- When braking.
- In strong sidewinds when you are driving faster than 43 mph (70 km/h).

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

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

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

ESP® is intervening if the ESP® warning lamp flashes in the instrument cluster:

- Do not deactivate FSP®.
- 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® switched off.

If SPORT handling mode is activated and one or more wheels start to spin, the SP® 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<sup>®</sup> should only be deactivated in the following situations.

ESP® is deactivated if the 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.
- 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 ESP $^{\otimes}$   $\fbox{\ \ }$  warning lamp lights up continuously, ESP $^{\otimes}$  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 SPORT SPORT handling mode warning lamp in the instrument cluster lights up. The SPORT handling mode message appears in

the multifunction display.

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

  The Parameter of the instrument cluster goes out. The ON message appears in the multifunction display.

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

### **RACE START**

#### **RACE START function**

RACE START is only available for Mercedes-AMG E 63 4MATIC and E 63 S 4MATIC models.

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

- (i) RACE START is only available after the vehicle has been broken in (→ page 13).
- (i) RACE START may not be used on normal roads. RACE START must only be activated and used on dedicated road circuits, not on public roads.

Be sure to read the safety notes and information on ESP® ( $\rightarrow$  page 21).

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

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

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

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

### **Activating RACE START**

You can activate RACE START under the following conditions:

- The doors, the hood and the trunk lid are closed.
- The engine is running and the transmission and engine are at operating temperature.
- The steering wheel is in the straight-ahead position.
- The vehicle is on level ground.
- The vehicle is stationary, the brake pedal is depressed (left foot) and the parking brake is released.
- The transmission is in position **D**.
- One of the drive programs S, S+ or RACE is selected (→ page 16).
- Pull and hold both steering wheel gearshift paddles.
  If all activation conditions are fulfilled, the

RACE START Confirm: Paddle UP Cancel: Paddle DOWN message appears in the multifunction display.

- Release both steering wheel gearshift paddles.
- i If the activation conditions are not fulfilled, RACE START cannot be activated. The RACE START Not Possible See Operator's Manual message appears on the multifunction display.
- To cancel: pull the left steering wheel gearshift paddle.
   The RACE START Canceled message appears on the multifunction display.
- To confirm: pull the right steering wheel gearshift paddle.
- The RACE START Available Depress gas pedal. message appears on the multifunction display.
- Rapidly depress the accelerator pedal fully. The engine speed increases.
- 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 on the multifunction display.
- Take your foot off the brake, but keep the accelerator pedal depressed. The vehicle pulls away at maximum acceleration. The RACE START Active message appears in the multifunction display.

RACE START is deactivated when the vehicle reaches a speed of approximately 31 mph (50 km/h).

RACE START is deactivated immediately if you release the accelerator pedal during RACE START or if any of the activation conditions are no longer fulfilled. The RACE START Not Possible See Operator's Manual or 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 AMG adaptive sport suspension

system

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. The option of manually adjusting the vehicle level is also available.

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

- The driving style, e.g. sporty
- The road surface condition, e.g. bumps
- The individual selection of Sport, Sport+, Comfort or Economy (only Mercedes-AMG E 43 4MATIC)

AMG adaptive sport suspension system comprises:

- Air suspension with variable spring rate
- Automatic level control system
- Speed-dependent lowering to reduce fuel consumption
- · Manual level adjustment
- ADS PLUS (Adaptive Damping System with constant damping force adjustment)
- DYNAMIC SELECT switch and level button

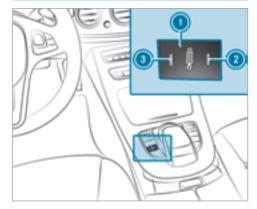
# Available suspension settings (Mercedes-AMG E 43 4MATIC)

Drive program	Characteristics
C (Comfort)	<ul> <li>Comfortable suspension tuning</li> <li>Normal level</li> <li>When driving at speeds above 100 mph (160 km/h), the vehicle is lowered by 0.6 in (15 mm)</li> <li>When driving at speeds below 87 mph (140 km/h), the vehicle is raised again</li> </ul>
E (Economy)	<ul> <li>Comfortable suspension tuning</li> <li>The vehicle is lowered by 0.6 in (15 mm) compared to the normal level</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds</li> </ul>
S (Sport)	<ul> <li>Firmer suspension tuning</li> <li>The vehicle is lowered by 0.6 in (15 mm) compared to the normal level</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds</li> </ul>
S+ (Sport Plus)	<ul> <li>Even firmer suspension tuning</li> <li>The vehicle is lowered by 0.6 in (15 mm) compared to the normal level</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds</li> </ul>

# Available suspension settings (Mercedes-AMG E 63 4MATIC and Mercedes-AMG E 63 \$ 4MATIC)

Drive program	Characteristics
C (Comfort)	<ul> <li>Comfortable suspension tuning</li> <li>Normal level</li> <li>When driving at speeds above 130 mph (210 km/h), the vehicle is lowered by 0.4 in (10 mm)</li> <li>When driving at speeds below 75 mph (120 km/h), the vehicle is raised again</li> </ul>
S (Sport)	<ul> <li>Firmer suspension tuning</li> <li>Normal level</li> <li>When driving at speeds above 130 mph (210 km/h), the vehicle is lowered by 0.4 in (10 mm)</li> <li>When driving at speeds below 75 mph (120 km/h), the vehicle is raised again</li> </ul>
S+ (Sport Plus)	<ul> <li>Even firmer suspension tuning</li> <li>The vehicle is lowered by 0.4 in (10 mm) compared to the normal level</li> <li>The vehicle is not lowered any further if you are traveling at higher speeds</li> </ul>

# **Selecting Comfort mode**



In Comfort mode, the driving characteristics of your vehicle are more comfortable. Select this mode if you prefer a more comfortable driving style, but also when driving at speed on a straight road, e.g. on a straight stretch of freeway.

Press button repeatedly until indicator lamps and so out.
The AMG Suspension System COMFORT message appears in the multifunction display.

# **Selecting Sport mode**

The firmer suspension tuning in Sport mode ensures even better contact with the road. Select this mode when employing a sporty driving style, e.g. on winding country roads.

Press button repeatedly until indicator lamp lights up.
 The AMG Suspension System SPORT message appears in the multifunction display.

# **Selecting Sport Plus mode**

The very firm suspension tuning in Sport Plus mode ensures the best possible contact with the road. Select this mode only when driving on closed race circuits.

Press button ① repeatedly until indicator lamps ② and ③ light up.
The AMG Suspension System SPORT + message appears in 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 may tip over more quickly on a bend, for example.

 Always select as low a vehicle level as possible and adapt your driving style accordingly.

**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.

A

**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.

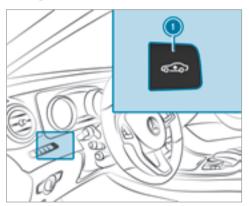
The vehicle can also be lowered after being locked.

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

# Requirements

- The vehicle's engine must be switched on.
- The vehicle must not be moving faster than 50 mph (80 km/h).

# Raising the vehicle



Press button ①. The vehicle is raised by 1 in (25 mm) compared to the normal level. Your selection is saved.

The vehicle is lowered again in the following situations:

- When driving faster than 75 mph (120 km/h).
- When driving between 50 mph (80 km/h) and 75 mph (120 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 the instrument display (standard) only: If you select the Performance menu, the upshift bar appears in the multifunction display.
- Mercedes-AMG E 63 vehicles: If you activate the ECO start/stop function and select drive program C, the engine electronics switch from 8-cylinder mode to 4-cylinder mode, if necessary. The multifunction display shows a symbol in the status area.
- Additional note regarding the warning and indicator lamps: the vehicle is also equipped with the SPORT SPORT handling mode warning and indicator lamp (→ page 41).
- You can select the following display content in Mercedes-AMG E 63 vehicles with Widescreen Cockpit:
  - Tachometer (Classic display setting)

- Tachometer and gear display (Classic display setting)
- Date (Progressive display setting)
- Date and gear display
- Warm-up
- Engine data
- G-Meter
- Trip computer
- Navigation

# Calling up displays in the Performance menu

On-board computer:

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

Displays in the Performance menu:

- Warm-up
- SETUP
- G-Meter

- RACETIMER
- Engine data



Example: warm-up

- Digital speedometer
- ② Gear display
- Engine oil temperature
- Transmission oil temperature
- Boost pressure

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



Example: SETUP in Mercedes-AMG E 43 vehicles

- Drive system setting (Eco/Comfort/Sport/ Sport+)
- Steering setting (Comfort or Sport)
- ESP® status (On/Off or SPORT handling mode)
- ECO start/stop function setting (Active/ Inactive/Off)

- 5 Transmission position
- Suspension tuning (Comfort/Sport/Sport+)



Example: SETUP in Mercedes-AMG E 63 vehicles

- Drive system setting (Comfort/Sport/Sport +/RACE)
- ② Exhaust system (Comfort or Sport)
- ESP® status (On/Off or SPORT handling mode)
- Transmission position
- 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 side of Touch Control.
- Select Yes.
- Press the left-hand Touch Control.

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



Example: engine data

- Current power output
- Current torque

# Displaying and starting the RACETIMER in the Performance menu

On-board computer:

#### **¬→** Performance

The following functions are possible in the RACE-TIMER:

- displaying and starting
- stopping

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



- 1 Lap
- 2 Lap time

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

- To select a display and start: swipe up or down on the left-hand side of Touch Control.
- Press the left-hand side of Touch Control.

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



Example: RACETIMER

- 1 Lap
- ② Elapsed time
- 3 Average speed
- Distance covered

- ➤ To display the lap statistics: after at least two stored laps, press the left-hand side of Touch Control
- Select Lap List.
  The lap statistics are displayed.
- Display the statistics of the next lap by swiping up or down on the left-hand side of Touch Control.

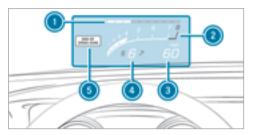
The fastest lap is indicated by flashing symbol ①.

- ➤ To reset: stop the RACETIMER and press the left-hand side of Touch Control.
- Select Reset and press the left-hand side of Touch Control.
  - All laps are deleted.

### Function of the Head-up Display

The Head-up Display projects information from the navigation system and the driver assistance system above the cockpit into the driver's field of vision.

#### Mercedes-AMG display content



- Protection before reaching the overrevving range
- Current engine speed
- Ourrent speed
- Currently selected gear, gearshift options with manual shifting
- Oetected instructions and traffic signs

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

When you receive a call, a message appears in the Head-up Display Incoming Call.

# **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

# Changing a wheel

# Vehicles with AMG Driver's Package:

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

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

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

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

This can jeopardize road safety.

# Vehicles with AMG ceramic high-performance compound 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.

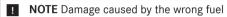
- Take particular care.
- Ask another person for assistance or use a second centering pin.
- When changing the wheel, avoid exerting any force on the brake discs.
   This can lead to impaired comfort during braking.

#### **Operating fluids**

#### Fuel

Information on fuel grades for vehicles with a gasoline engine

Observe the notes on operating fluids .



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 premium grade fuel.

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

- Do not refuel using:

   Diesel
- E15, E85, E100
- Gasoline containing methanol (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.

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

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

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 information table in the fuel filler flap . This may reduce engine output and increase fuel consumption.

Never refuel using gasoline with a 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 can be found:

- At a gas station
- At a qualified specialist workshop
- USA only: Under http://www.mbusa.com

## Tank capacity and reserve fuel level

# Capacity Model

Mercedes-AMG E 43 4MATIC	17.4 gal (66.0 l)
	or
	21.1 gal (80.0 l)

Total capacity

All other models 21.1 gal (80.0 l)

Model Of which reserve

Mercedes-AMG E 43 1.8 gal (7.0 l) 4MATIC

All other models 3.2 gal (12.0 l)

# Quality and filling capacity of engine oil

# MR-Freigabe or MR-Approval

in Telgabe of Wib Approval		
Gasoline engines	MB-Freigabe or MB- Approval	
All models	229.5	

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

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

# Capacity

Model

Mercedes-AMG E 43 4MATIC	6.9 US qt (6.5 I)
All other models	9.5 US qt (9.0 I)

Capacity

# Coolant filling capacity

### Filling capacity

Model	Filling capacity
Mercedes-AMG E 43 4MATIC	12.7 US qt (12.0 I)
Mercedes-AMG E 63 4MATIC	15.9 US qt (15.0 l)
Mercedes-AMG E 63 S 4MATIC	17.1 US qt (16.2 I)

#### Refrigerant filling capacity

#### Filling capacities

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#### E-111-

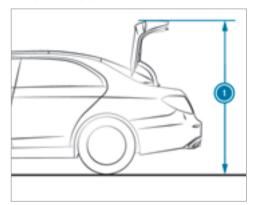
Filling capacities	
Model	Refrigerant
Mercedes-AMG E 43 4MATIC	$22.2 \pm 0.4 \text{ oz}$ (630 ± 10 g)
All other models	
Model	PAG oil
All models	$2.8 \pm 0.4 \text{ oz}$ (80 ± 10 g)

#### Vehicle data Vehicle dimensions

The heights specified may vary as a result of the:

- Tires
- Load

- Condition of the suspension
- Optional equipment



Missing values were not available at the time of going to print.

Opening height	
Model	<ul><li>Opening height</li></ul>
All models	
Vehicle dimensions	
Mercedes-AMG E 63 4MATIC	
Mercedes-AMG E 63 S 4MATIC	
Vehicle length	
Vehicle width including outside mirrors	81.3 in (2065 mm)
Vehicle height	
Wheelbase	115.7 in (2939 mm)
Turning circle	41.0 ft (12.50 m)

All other models	
Vehicle length	194.6 in (4942 mm)
Vehicle width including outside mirrors	81.3 in (2065 mm)
Vehicle height	57.0 in (1447 mm)
Wheelbase	115.7 in (2939 mm)
Turning circle	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 maximum payload.

All models	
Maximum roof load	220 lb (100 kg)
Maximum trunk load	220 lb (100 kg)

	All models
8th gear	186 mph (300 km/h)
9th gear	186 mph (300 km/h)

# Maximum speeds

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

# Maximum speeds

	All models
1st gear	33 mph (53 km/h)
2nd gear	55 mph (88 km/h)
3rd gear	79 mph (127 km/h)
4th gear	109 mph (175 km/h)
5th gear	147 mph (236 km/h)
6th gear	176 mph (284 km/h)
7th gear	186 mph (300 km/h)

# Display messages

# **Driving systems**

Display messages	Possible causes/consequences and ▶ Solutions
RACE START Not Possible See Operator's Manual	<ul><li>* Possible causes are:</li><li>• The conditions for activation are not met .</li></ul>
RACE START Canceled	<ul> <li>* Possible causes are:</li> <li>You released the accelerator pedal during RACE START.</li> <li>You depressed the brake pedal during RACE START.</li> </ul>

#### **Engine**

# Display messages Possible causes / consequences and ▶ Solutions \* Display message only with certain engines: The engine oil level has dropped to the minimum level. **NOTE** Engine damage caused by driving with insufficient engine oil Check Engine Oil Level (Add 1 Liter) Avoid long journeys with insufficient engine oil. Check the engine oil level when next refueling. Add engine oil . Notes on engine oil. \* Display message only with certain engines: The engine oil pressure is too low. **NOTE** Engine damage caused by driving with insufficient engine oil pressure Engine Oil Pressure Stop Switch Off Engine Avoid long journeys 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.

#### Display messages



Engine Oil Level Cannot Be Measured

#### Possible causes/consequences and ▶ Solutions

- \* The electrical connection to the oil level sensor is interrupted or the oil level sensor is defective.

  The engine oil level has dropped to the minimum level.
- Consult a qualified specialist workshop.

#### Warning and indicator lamps

#### Safety systems

#### Warning/indicator lamp

SPORT HANDLING

SPORT handling mode warning lamp

#### Possible causes/consequences and ▶ Solutions

SPORT handling mode is activated while the engine is running.

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

**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.
- ▶ Observe the notes on activating SPORT handling mode .

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