

Program selector button

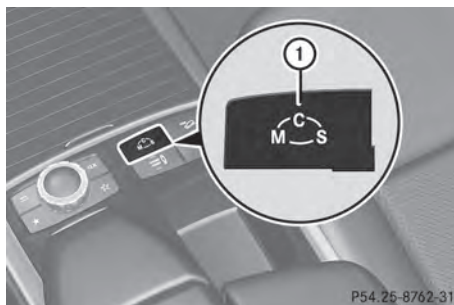
General notes



P54.25-8595-31

Program selector button on vehicles with the ON&OFFROAD package

- ▶ Briefly press program selector button ①. The letter **M** appears in the multifunction display. The manual drive program **M** is activated.



P54.25-8762-31

Program selector button on AMG vehicles

- ▶ Press program selector button ① repeatedly until the letter for the desired gearshift program appears in the multifunction display.

The program selector button allows you to choose between different driving characteristics.

- i** **AMG vehicles:** the automatic transmission switches to automatic drive program **C** each time the engine is started.
- i** Drive program **M** is not saved after the engine has been switched off. If required,

you must select the drive program again after starting the engine.

Drive programs on AMG vehicles

C Controlled Efficiency	Comfortable, economical driving
S Sport	Sporty driving style
M Manual	Manual gear shifting

- i** For further information on the automatic drive program, see (▷ page 173).

Steering wheel paddle shifters



P27.60-3466-31

In the automatic drive program, you can restrict or derestrict the shift range by using steering wheel paddle shifters ① and ② (▷ page 174).

In the manual drive program you can change gears manually using steering wheel paddle shifters ① and ② (▷ page 175).

- i** You can only change gear with the steering wheel paddle shifters when the transmission is in position **D**.

Automatic drive program (AMG vehicles)

Drive program **C** is characterized by the following:

- comfort-oriented engine and automatic transmission settings
- optimal fuel consumption resulting from the automatic transmission shifting up sooner
- the vehicle pulling away more gently in forward and reverse gears, unless the accelerator pedal is depressed fully
- increased sensitivity. This improves driving stability on slippery road surfaces, for example
- the automatic transmission shifting up sooner. This results in the vehicle being driven at lower engine speeds and the wheels being less likely to spin

Drive program **S** is characterized by the following:

- sporty engine and transmission settings
- the automatic transmission shifting up later
- the fuel consumption possibly being higher as a result of the later automatic transmission shift points

Shift ranges

Introduction

In transmission position **D**, you can use the steering wheel paddle shifters to restrict or derestrict the shift range for the automatic transmission (> page 173).

The shift range selected is shown in the multifunction display. The automatic transmission shifts only as far as the selected gear.

Driving situations

- | | |
|----------|--|
| 3 | You can use the engine's braking effect. |
| 2 | The braking effect of the engine can be utilized on downhill gradients or when driving: <ul style="list-style-type: none"> • on steep mountain roads • in mountainous terrain • in arduous conditions |
| 1 | The braking effect of the engine can be utilized on extremely steep downhill gradients and long downhill stretches. |

Restricting the shift range

- ▶ Pull the left-hand steering wheel paddle shifter.
The automatic transmission shifts down one gear and restricts the shift range to the relevant gear.

i If the engine exceeds the maximum engine speed when shifting down, the automatic transmission protects against engine damage by not shifting down.

i If the maximum engine speed for the shift range is reached and you continue to accelerate, the automatic transmission shifts up, even if the shift range is restricted. This prevents the engine from overrevving.

Derestricting the shift range

- ▶ Pull the right-hand steering wheel paddle shifter.
The shift range is derestricted.

Clearing the shift range restriction

- ▶ Pull and hold the right-hand steering wheel paddle shifter until **D** is shown again in the multifunction display.

The automatic transmission shifts from the current shift range directly to **D**.

or

- ▶ Use the DIRECT SELECT lever to shift the transmission to position **D**.

The automatic transmission shifts from the current shift range directly to **D**.

Selecting the ideal shift range

- ▶ Pull the left-hand steering wheel paddle shifter and hold it in position.

The automatic transmission shifts to the gear which allows optimum acceleration and deceleration. To do this, the automatic transmission shifts down one or more gears.

Manual drive program

Switching on the manual drive program

In manual drive program **M**, you can change gear using the steering wheel paddle shifters if the transmission is in position **D**. You can see the currently selected drive program and which gear is engaged in the multifunction display.

- ▶ **AMG vehicles:** press the program selector button (▷ page 173) until **M** appears in the multifunction display.

▶ Vehicles with the ON&OFFROAD

package: press the program selector button (▷ page 173).

The letter **M** appears in the multifunction display.

Shifting up (all vehicles except AMG vehicles)

- ▶ Pull the right-hand steering wheel paddle shifter (▷ page 173).

The automatic transmission shifts up to the next gear.

Shifting up (AMG vehicles)

- ❗ In manual drive program **M**, the automatic transmission does not shift up automatically even when the engine limiting speed for the current gear is reached. When the engine limiting speed is reached, the fuel supply is cut to prevent the engine from overrevving. Always make sure that the engine speed does not reach the red area of the tachometer. There is otherwise a risk of engine damage.



- ① Gear indicator
- ② Upshift indicator

Before the engine speed reaches the red area, an upshift indicator will be shown in the multifunction display.

- ▶ If the color in the speedometer multifunction display changes to red and the **UP** display message is shown, shift up a gear.

Downshifting

- ▶ Pull the left-hand steering wheel paddle shifter (▷ page 173).

The automatic transmission shifts down to the next gear.

Maximum acceleration

- ▶ Pull the left-hand steering wheel paddle shifter until the transmission selects the optimum gear according to the speed.
- i** If you slow down or stop without shifting down, the automatic transmission automatically shifts down.

Kickdown

You can also use kickdown for maximum acceleration in manual drive program **M**.

- ▶ Depress the accelerator pedal beyond the pressure point.
The automatic transmission shifts to a lower gear depending on the engine speed.
- ▶ Shift back up once the desired speed is reached.
- i All vehicles (except AMG vehicles):** if you apply full throttle, the automatic transmission shifts up to the next gear when the maximum engine speed is reached. This prevents the engine from overrevving.
- i AMG vehicles:** it is not possible to use kickdown in manual drive program **M**.

Switching off the manual drive program

- ▶ **AMG vehicles:** press the program selector button (▷ page 173) repeatedly until **C** or **S** appears in the multifunction display.
- ▶ **Vehicles with the ON&OFFROAD package:** press the program selector button (▷ page 173).
The **M** message in the multifunction display goes out.