



MERCEDES-BENZ A-KLASSE (W176), B-KLASSE (W246, W242), CLA Coupe (C117)



WARNING

Health risk!

Inhalation of brake dusts may result in serious damage to the respiratory organs!

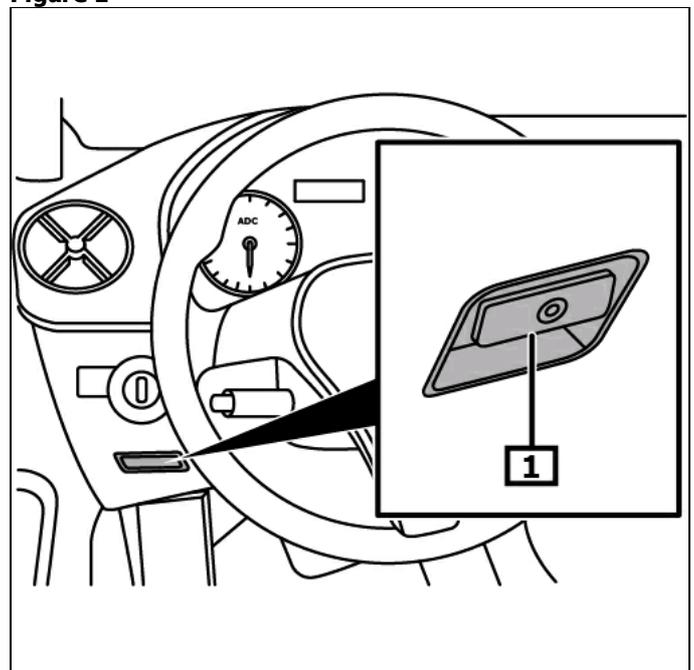
Do not clean brake components with compressed air.

Use brake cleaner fluid.

General reference notes

The parking brake switch is located in the dashboard. **(1)**
(see figure 1)

Figure 1



1 Parking brake switch

Display/operation

The parking brake will be automatically enabled under following conditions:

- The *DISTRONIC PLUS* will stop the vehicle to standstill on vehicles with automatic gearbox.
- The *HOLD* function stops the vehicle.

At least one of the following conditions must be additionally met:

- The engine is switched off.
- The seat belt is not fastened and the driver's door is open.
- System error occurred.
- Insufficient power supply.
- Vehicle stationary for a longer period of time.

Engage parking brake

Press parking brake switch.

Red warning light in the instrument cluster is on. **(1)**
(see figure 2)

The parking brake will be automatically released under following conditions:

- Engine is running.
- Gearbox is in position *D* or *R*.
- Seat belt is fastened.
- Accelerator pedal is damaged.
- Tailgate must be shut at the same time when the *R* gearbox stage is being engaged.

Disengage parking brake

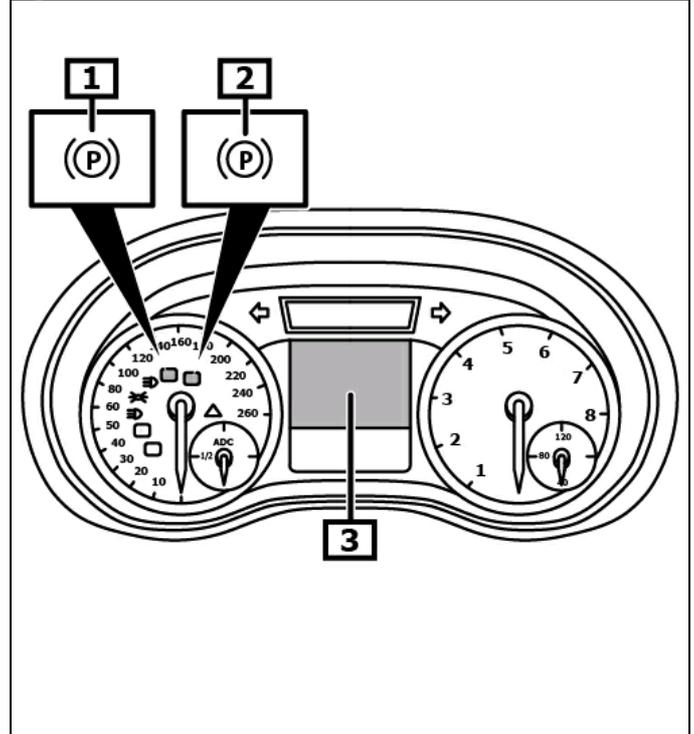
Pull parking brake switch.

Red warning light in the instrument cluster goes out. **(1)**
(see figure 2)

The yellow indicator light goes on when errors occur that impair operating or traffic safety. **(2)**
Read off error code on display. **(3)**
(see figure 2)

For further details and information, please refer to the operating manual!

Figure 2



1 Indicator light

2 Fault indicator light

3 Instrument cluster display

Carry out brake test on test stand.

Drive vehicle onto test stand with rear wheels.
Set selector lever to position N.
Let wheels be driven by the roller test stand for approx. 10 seconds.
Brake pads are placed against the brake disk being automatically slowed down.
The parking brake brakes briefly thus signaling the roller test bench mode.

Briefly press the parking brake switch after 2 to 5 seconds. **(1)**
(see figure 1)

The parking brake brakes with enhanced braking power.
Disengage electromechanical parking brake.
Repeat process 3 up to 4 times until the wheels block.
Disengage electromechanical parking brake.

Setting rear axle brake caliper to assembly position:

Close engine bonnet.
Turn the ignition key to the 1 position.

Press and hold the call connect button. **(1)**
Press and hold the OK button within one second. **(2)**
(see figure 3)

Keep both pushbuttons depressed for approx. 5 seconds.
The workshop menu appears on the display with following menu options:

- vehicle data
- Dynamometer test
- Brake-pad replacement
- ASSYST PLUS

Press the forward/back button(s) repeatedly until -Brake-pad replacement- is highlighted in colour in the display. **(3)(4)**
OK - Press push button. **(2)**
(see figure 3)

Attention!

Do not apply the service brake as long as the brake caliper assembly position is being travelled to.

Cut the ignition and remove the ignition key when the display shows -Assembly position reached-. **(4)**
(see figure 3)

Leave brake caliper assembly position.

Attention!

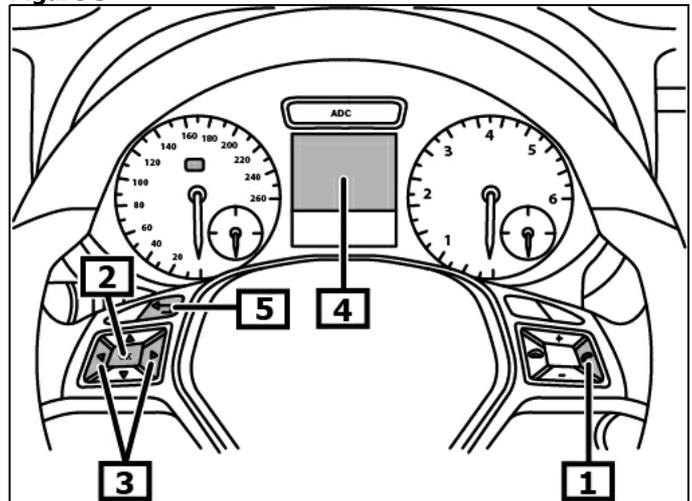
Do not exit the brake caliper assembly position before brake pads and brake calipers have been mounted.
(Risk of damage)

Turn the ignition key to the 1 position.

The display shows -Assembly position reached, exit assembly position-. **(4)**
Confirm by pressing button OK. **(2)**
The display shows -Assembly position exited-. **(4)**
Confirm by pressing button OK. **(2)**
Exit the workshop menu using the return button. **(5)**
(see figure 3)

Switch off ignition.

Figure 3



- 1 Call acceptance button 2 OK - switch
3 Forwards/backwards button(s) 4 Display
5 -return- key

Required torques

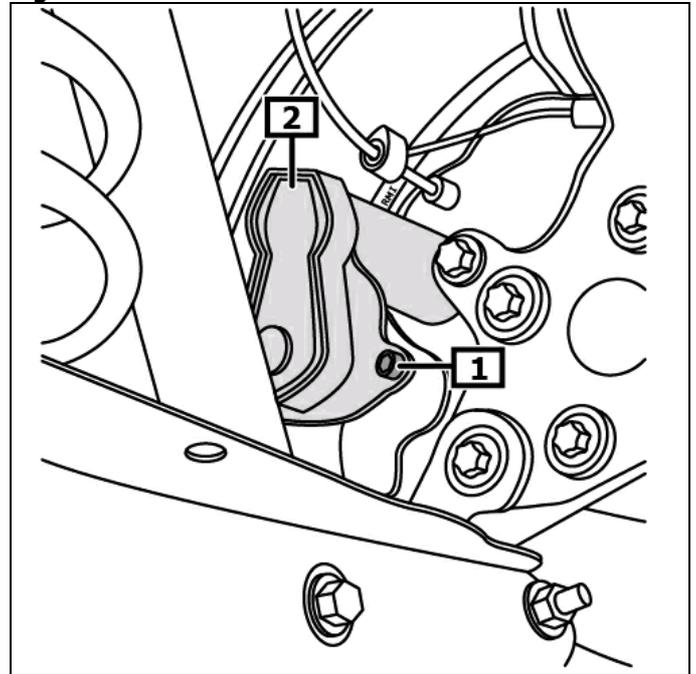
Parking brake servomotor (1) (see figure 4)	Replace seal(s).	12 Nm
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Parking brake emergency unlocking device

Switch off ignition.
Secure vehicle against rolling away.
Disconnect the electric plug connection(s) on the servomotor.
Unscrew screw(s). (1)
Carefully remove servomotor from brake caliper. (2)
(see figure 4)

Replace seal(s).

Figure 4



1 Screw(s)

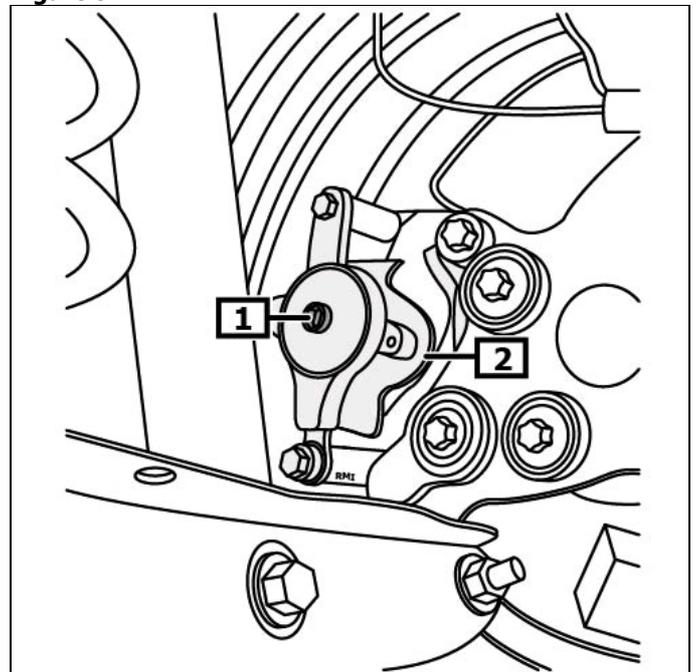
2 Parking brake servomotor

Use Allen key.
Turn back spindle clockwise until wheel can be turned freely. (1)
(2)
(see figure 5)

Spindle should not be turned anti-clockwise.

Installation in reverse order of removal.

Figure 5



1 Spindle

2 Brake caliper