

AR42.10-P-0010-02RK	Carrying out bleeding operation		
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Model 190, 217, 222, 231

Modification notes

31.08.2012	Entlüfterschraube am Bremssattel		BA42.10-P-1005-10U
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Nm Front axle brake caliper

Number	Designation		MODEL 217.377/378/379/477/ 479 with CODE B07	MODEL 217.377/378/379/477 /479 except CODE B07
BA42.10-P-1002-10V	Bleed screw on brake caliper	Nm	18	18

Nm Front axle brake caliper

Number	Designation		Model 217.364/382/384/385/ 482	MODEL 222.067/082/085/163 /165/167/967, MODEL 222.004/032/033/057 /104/123/132/133/15 7 with CODE 950/951, MODEL 222.176/182/184/185 /976/982/984/985 except CODE Z07
BA42.10-P-1002-10V	Bleed screw on brake caliper	Nm	18	18

Nm Front axle brake caliper

Number	Designation		MODEL 222.004/032/033/057/ 104/123/132/133/157 except CODE 950/951, MODEL 222.162/188	MODEL 222.077, MODEL 222.177/178/179 except CODE B07
BA42.10-P-1002-10V	Bleed screw on brake caliper	Nm	18	18

Nm Front axle brake caliper

Number	Designation		MODEL 222.176/182/184/185 /976/982/984/985 with CODE Z07, MODEL 222.177/178/179 with CODE B07
BA42.10-P-1002-10V	Bleed screw on brake caliper	Nm	18

Nm Rear axle brake caliper

Number	Designation		Model 217	Model 222
BA42.10-P-1002-12J	Bleed screw to brake caliper	Nm	18	18

Nm Rear axle brake caliper

Number	Designation		Model 231
BA42.10-P-1002-12J	Bleed screw to brake caliper	Nm	18

Nm Front axle brake caliper

Number	Designation		MODEL 190 with CODE B06	MODEL 190 with CODE B07
BA42.10-P-1003-10T	Bleed screw to brake caliper	Nm	18	18

Nm Front axle brake caliper

Number	Designation		MODEL 190 with CODE U70
BA42.10-P-1003-10T	Bleed screw to brake caliper	Nm	18

Nm Rear axle brake caliper

Number	Designation		Model 190
BA42.10-P-1003-12T	Bleed screw to brake caliper	Nm	18

Nm Front axle brake caliper

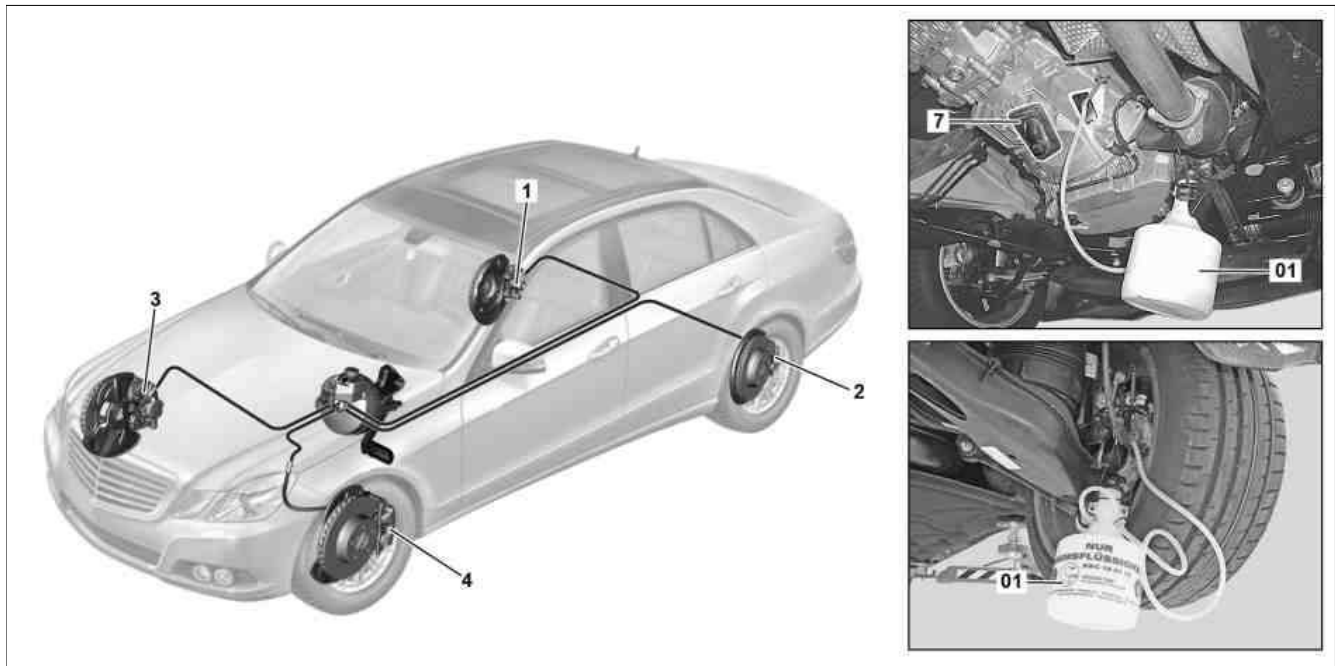
Number	Designation		Model 231.457/473	Model 231.465
BA42.10-P-1005-10U	Bleed screw on brake caliper	Nm	18	18

Nm Front axle brake caliper

Number	Designation		MODEL 231.474 except CODEB07	MODEL 231.474 with CODE B07
BA42.10-P-1005-10U	Bleed screw on brake caliper	Nm	18	18

Nm Front axle brake caliper

Number	Designation		MODEL 231.479 except CODEB07	MODEL 231.479 with CODE B07
BA42.10-P-1005-10U	Bleed screw on brake caliper	Nm	18	18



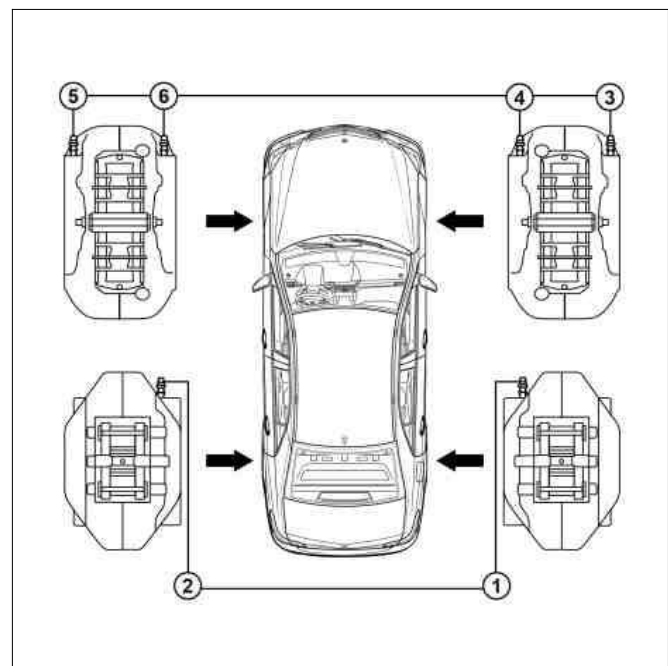
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Shown here is the opening sequence for the bleed screws on vehicles without CODE B07 (AMG ceramic high-performance composite brake system)

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|----|--------------|---|-------------|---|-------------|
| 01 | Bleed bottle | 2 | Bleed screw | 4 | Bleed screw |
| 1 | Bleed screw | 3 | Bleed screw | | |

Illustration shows the opening sequence for the bleed screws on model 190 and on vehicles with CODE B07 (AMG ceramic high-performance composite brake system)

- 1 Bleed screw
- 2 Bleed screw
- 3 Bleed screw
- 4 Bleed screw
- 5 Bleed screw
- 6 Bleed screw



P42.00-2157-12

- 1 Set bleeding pressure on filling and bleeding unit to 2.0 bar.
- 6.2 When replacing the brake fluid. The hydraulic system of the brake system was not previously opened for repair

- purposes.
Keep bleed screw (1) open until new brake fluid flows out.
- 2 Remove caps for bleed screws on brake calipers (1, 2, 4, 6).
- 3 Model 190
Model 217, 222, 231
with code B07 (Ceramic brake system)
Remove caps for bleed screws on brake calipers (3, 5).
- 4 Connect bleed hose of bleed bottle (01) to bleed screw of brake caliper (1).
- 5 Open bleed screw (1).
- 6.1 To bleed the hydraulic system of the brake system after the hydraulic system has been opened for repair purposes.
Fully depress brake pedal repeatedly, until new bubble-free brake fluid flows out at the bleed screw (1).
- ⓘ To bleeding the brake system correctly it is absolutely essential to pump the brake pedal throughout the entire bleeding process.
Otherwise brake system malfunctions and a failure of the brake system can occur due to remaining residual air.
- ⓘ To prevent air from being drawn in, do not pump the brake pedal in a jerking manner but instead release it slowly.
- ⓘ The bleed screw (1) can remain open during the entire pumping process. Required total quantity of brake fluid: approx. 1.5 l.
- 7 Detach bleed hose of bleed bottle (01) from bleed screw of brake caliper (1).
- 8 Close bleed screw (1).
- 9 Repeat operation steps 4 to 8 on remaining bleed screws (2, 4, 6) .
- 10 Model 190
Model 217, 222, 231
with code B07 (Ceramic brake system)
Repeat operation steps 4 to 8 on remaining bleed screws (3, 5).
- 11 Fit caps for bleed screws on brake calipers (1, 2, 4, 6).
- 12 Model 190
Model 217, 222, 231
with code B07 (Ceramic brake system)
Attach caps for bleed screws on brake calipers (3, 5).
- ⓘ Pumping of the brake pedal is not necessary.
Required total quantity of brake fluid: approx. 0.75 l.