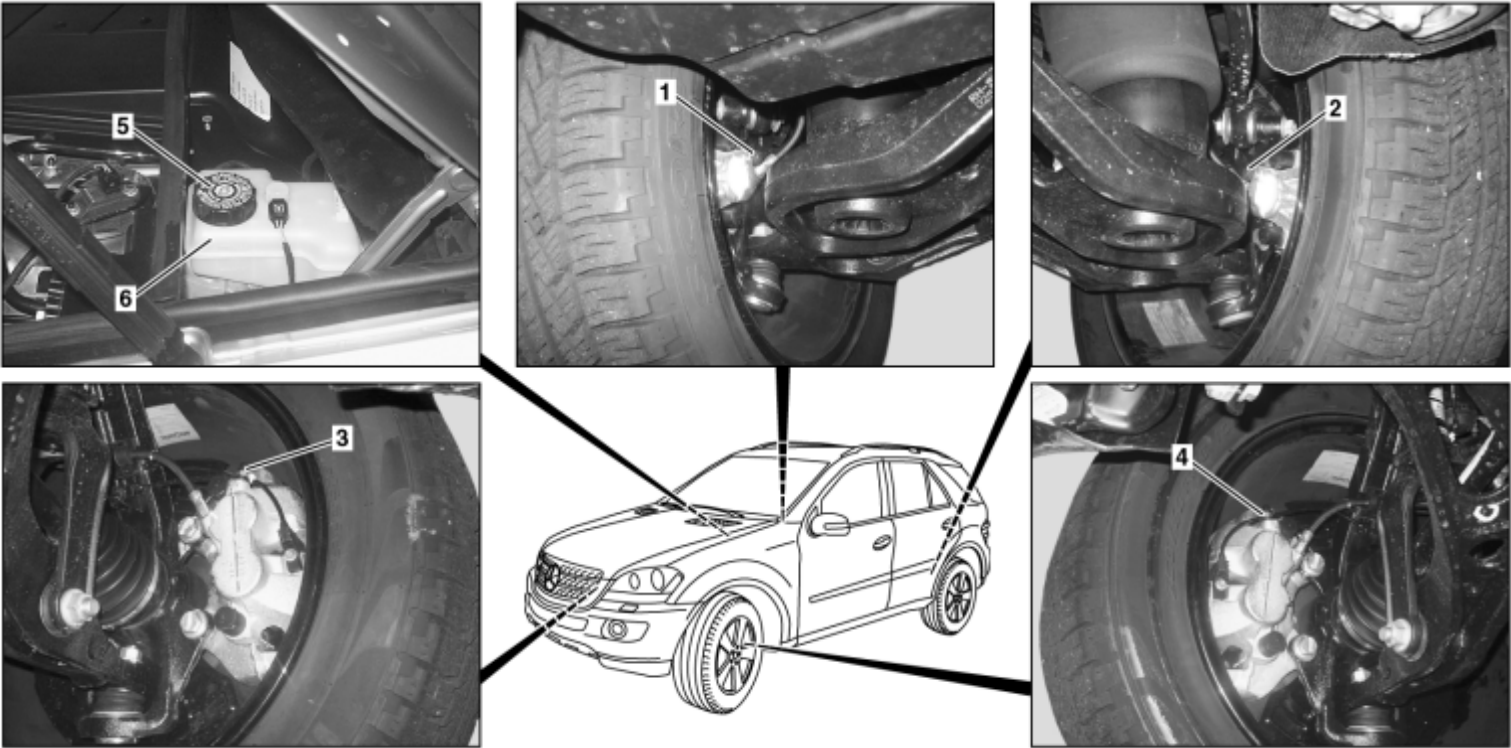


|                  |                    |         |
|------------------|--------------------|---------|
| AR42.10-P-0010GZ | Bleed brake system | 18.1.06 |
|------------------|--------------------|---------|

MODEL 164












P42.10-2446-09






*Shown on vehicle with Airmatic (air suspension with level adjustment and adaptive damping system ADS), code 489*

- 1 Bleed screw on right-hand rear axle floating brake caliper
- 2 Bleed screw on left-hand rear axle floating brake caliper
- 3 Bleed screw on right-hand front axle floating brake caliper

- 4 Bleed screw on left-hand front axle floating brake caliper
- 5 Cap
- 6 Brake fluid reservoir

|  |  |  |                                    |
|--|--|--|------------------------------------|
|  | Bleeding   |  |                                    |
|  <b>Danger!</b> | <b>Risk of poisoning</b> caused by swallowing brake fluid. <b>Risk of injury</b> caused by brake fluid coming into | Pour brake fluid only into suitable and appropriately marked containers. Wear protective clothing and eye protection | <a href="#">AS42.50-Z-0001-01A</a> |

|  |  |   |                                     |
|--|--|---|-------------------------------------|
|  | contact with skin and eyes.  | when handling brake fluid.  |                                     |
|                 | Brake fluid notes  | All models  | <a href="#">AH42.50-P-0001-01A</a>  |
|                 | Notes on repairs to brake system   | All models  | <a href="#">AH42.00-P-0003-01A</a>  |
|                 | Notes on externally invisible brake fluid loss   |   | <a href="#">AH42.10-P-9406-02GZ</a> |
| 1  | Open engine hood and raise to vertical position  |   | <a href="#">AR88.40-P-1000GZ</a>    |
| 2  | Unscrew cap (5) from brake fluid reservoir (6).  |   |                                     |
| 3  | Connect filling and bleeding device  |  Pay attention to manufacturer's operating instructions. Bleeding pressure must be 2 bar.  |                                     |
|  |  |  Brake fluid   | <a href="#">BF42.10-P-1001-01G</a>  |
|  |  | Brake fluid replacement unit  | <a href="#">WE58.40-Z-1001-07A</a>  |
|  <b>Danger!</b> | <b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.   | Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.  | <a href="#">AS00.00-Z-0010-01A</a>  |
| 4  | Lift/jack up vehicle   |   | <a href="#">AR00.60-P-1000GZ</a>    |
| 5  | Adjust bleeding pressure on filling and bleeding unit to 2.0 bar   |   |                                     |
| 6  | Remove bleeder dust caps   |   |                                     |
| 7  | Connect hose of bleed bottle on bleed screw on right rear axle floating brake caliper (1)  |   |                                     |
| 8  | Open bleed screw on right rear axle floating brake caliper (1) and allow 80 cm <sup>3</sup> of brake fluid to flow out <b>free of bubbles</b> , then tighten to the correct torque |    | <a href="#">BA42.10-P-1001-17I</a>  |
| 9  | Repeat bleeding process at the other floating brake calipers   |  Sequence when bleeding: Bleed screw on right rear axle floating brake caliper(1), bleed screw on left rear axle floating brake caliper (2), bleed screw |                                     |

|   |   |  |                                     |
|---|---|--|-------------------------------------|
|   |   | on right front axle floating brake caliper (3), bleed screw on left front axle floating brake caliper (4). |                                     |
|   |   |                           | <a href="#">BA42.10-P-1001-17I</a>  |
|   |   |                           | <a href="#">BA42.10-P-1001-03F</a>  |
| 10  | Detach filling/bleeding device  |  |                                     |
|   |   | Brake fluid replacement unit   | <a href="#">WE58.40-Z-1001-07A</a>  |
| 11  | Attach bleeder dust caps and screw cap  |  |                                     |
|  | <b>Checking</b>   |  |                                     |
| 12  | Check the fluid level in the brake fluid reservoir (6) and correct if necessary |  Brake fluid              | <a href="#">BF42.10-P-1001-01G</a>  |
|  | Brake system - inspect fluid level  |  | <a href="#">AP42.10-P-4210GZ</a>    |
| 13  | Check brake system for leaks  |  | <a href="#">AR42.10-P-0100-01GZ</a> |

 **Rear axle floating caliper**

| Number             | Designation                               |  |    | Model 164<br>except 164.177 | Model 164.177 |
|--------------------|---|--|----|-----------------------------|---------------|
| BA42.10-P-1001-17I | Bleed screw at rear axle floating caliper |  | Nm | 18                          | 18            |

 **Front axle floating caliper**

| Number             | Designation                                |  |    | Model 164 |
|--------------------|--|--|----|-----------|
| BA42.10-P-1001-03F | Bleed screw at front axle floating caliper |  | Nm | 18        |

 **Brake fluid**

| Number             | Designation |                                     |        | Model 164.1/8                      |
|--------------------|-------------|-------------------------------------|--------|------------------------------------|
| BF42.10-P-1001-01G | Brake fluid | Filling capacity                    | Liters | ≈0.8                               |
|                    |             | Specifications for Operating Fluids | Sheet  | <a href="#">BB00.40-P-0330-01A</a> |
|                    |             |                                     | Sheet  | <a href="#">BB00.40-P-0331-00A</a> |

**Workshop equipment**

|                    |                              |
|--------------------|------------------------------|
| WE58.40-Z-1001-07A | Brake fluid replacement unit |
|--------------------|------------------------------|