

42–540 Readjustment or adjustment of brake shoes of parking brake

Data

Version	Until Autumn 1975	Since Autumn 1975
Total ratio of parking brake up to spreader lock outlet	1:26.1	1:35.6
Number of steps on ratchet	6	12
Number of steps required to apply parking brake at mean force ¹⁾	2 – 3	4 – 6
Number of steps before there is any parking brake effect		1 – 2

¹⁾ For total ratio 1:26.1 400 N
For total ratio 1:35.6 300 N

Note

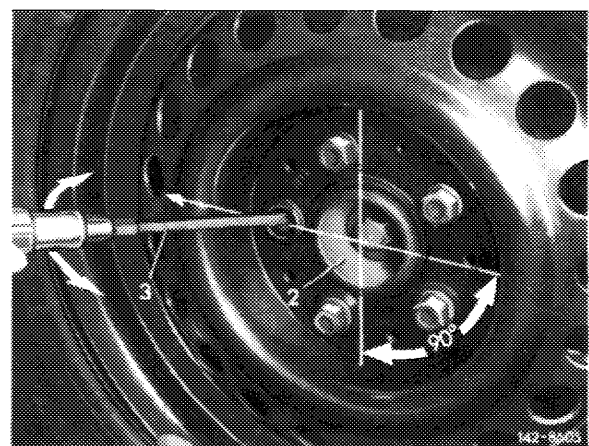
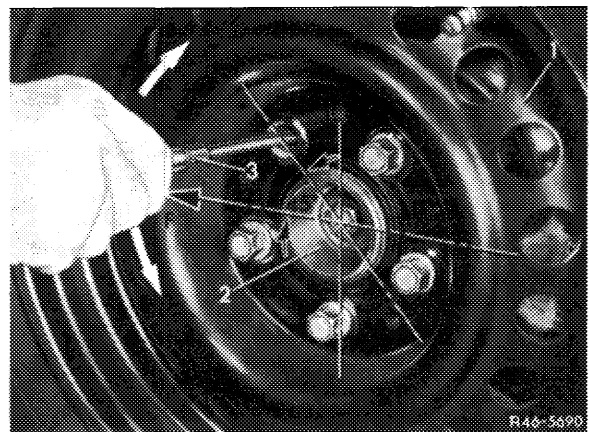
Readjust parking brake as soon as the pedal can be depressed by more than 2 detents (of a total of 6) or 4 detents (of a total of 12) without obtaining a braking effect.

Readjustment

1 Unscrew one each spherical shouldered bolt from rear axle, left and right.

2 Jack up car and first turn one wheel until threaded hole, from which spherical shouldered bolt had been removed, faces forward and up by about 45° for models with a diagonal swing axle or exactly forward for models with a diagonal swing axle having initial torque compensation.

Position of wheel for models with diagonal swing axle



Position of wheel for models with diagonal swing axle and initial torque compensation

3 Insert a screw driver (size 4.5 mm) through hole of rim, of brake disc (12) and of rear axle shaft flange (15) to engage in adjusting wheel of adjusting device (22) and turn adjusting wheel by corresponding movements until the wheel can no longer be rotated. Then turn back adjusting wheel by about 2–3 teeth, that is, far enough for wheel to turn freely.

Attention!

Adjusting direction of screw driver for moving brake shoes against disc:

Models with diagonal swing axle

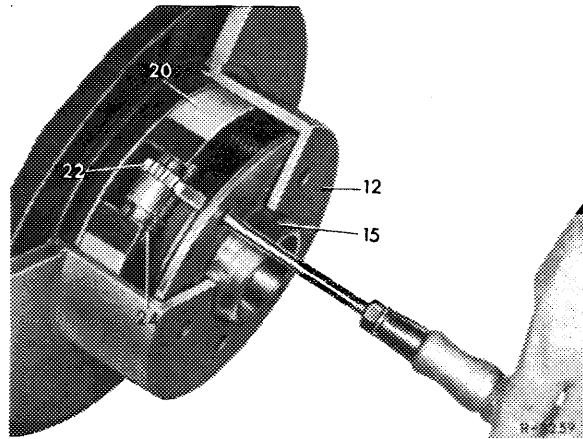
Left side: from bottom to top

Right side: from top to bottom

Models with diagonal swing axle and initial torque compensation

Left side: from back to front

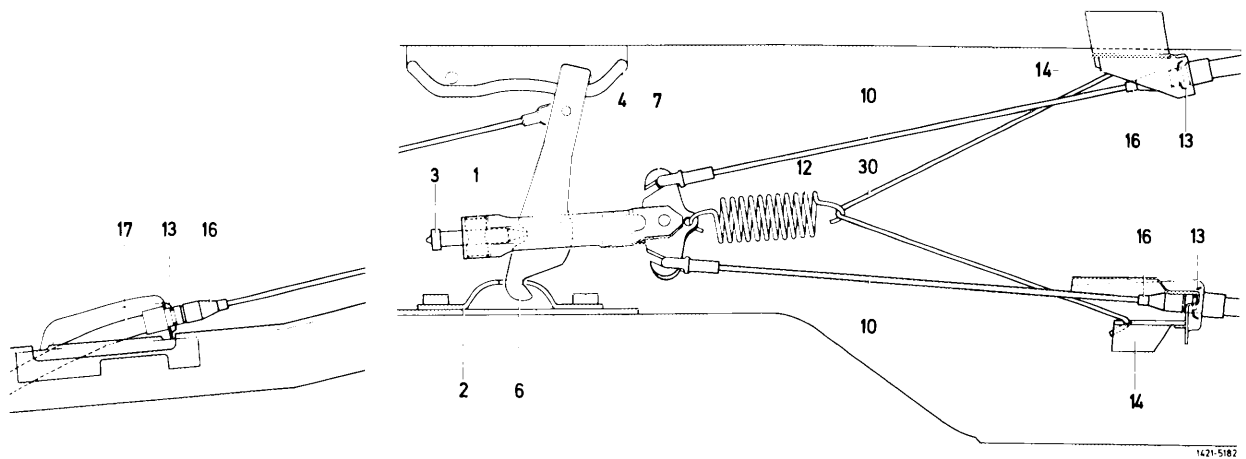
Right side: from front to back



4 Make following check after adjusting: depress pedal of parking brake to 1st step. In this position brake shoes of parking brake should be lightly in contact with parking brake.

Attention!

Do not change position of adjusting screw (3) on intermediate lever when readjusting parking brake. Adjusting screw serves only for compensating lengths of cable control.



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|----------------------------|----------------------|----------------------------|----------------------|
| 1 Adjusting bracket | 6 Intermediate lever | 13 Spring | 17 Front brake cable |
| 2 Mount on frame floor | 7 Compensating lever | 14 Rear brake cable holder | 30 Spring holder |
| 3 Adjusting screw | 10 Rear brake cable | 16 Rubber grommet | |
| 4 Intermediate lever guide | 12 Spring | | |

Basic adjustment

A basic adjustment will be necessary when, for example, one of the brake cables or the rear axle has been replaced.

5 Loosen adjusting screw (3) on adjusting bracket all the way.

6 Adjust brake shoes of parking brake (see points 1 through 4).

7 Screw adjusting screw into adjusting bracket until pedal of parking brake can be depressed by 2–3 teeth at a medium energy of approx. 400 N, or 4–6 teeth at approx. 300 N.

Attention!

The tab on adjusting screw (3) must always be vertical.

