

**Data**

Total ratio of parking brake up to spreader lock outlet	1 : 22
Number of steps on ratchet	6
Number of detents required for locking parking brake by applying a mean force of approx. 400 N	2–3
Number of steps before there is any parking brake effect	1–2

**Note**

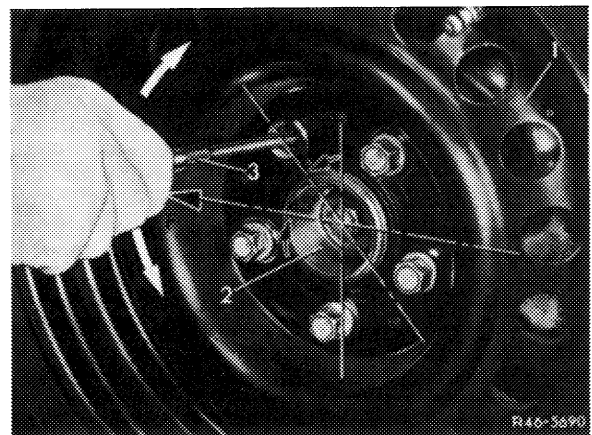
The parking brake must be readjusted, if the brake pedal can be depressed by more than 2 steps (of a total of 6) without any braking effect.

**Adjustment up to July 1985**

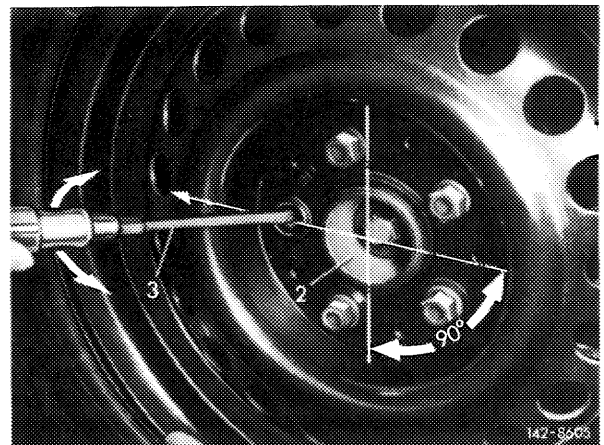
1 Unscrew one each spherical shouldered bolt from rear axle, left and right.

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.

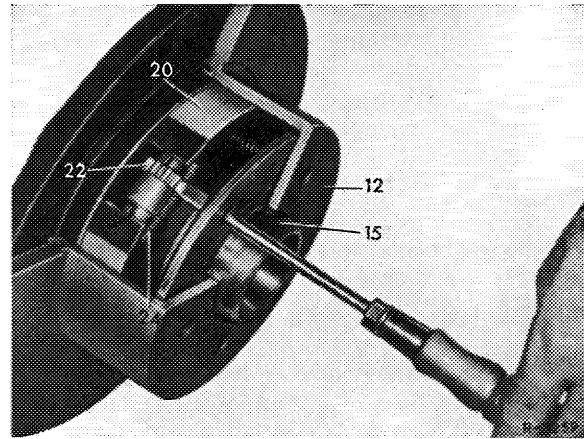
Position of wheel for models with diagonal swing axle



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 disk (12) and rear axle shaft flange (15) to engage in adjusting wheel of readjustment device (22) and turn adjusting wheel by corresponding movements until the wheel can no longer be turned. Then turn back adjusting wheel by about 2–3 teeth, i.e. far enough that the wheel can turn freely.



**Attention!**

Adjusting direction of screw-driver for application of brake shoes:

**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**

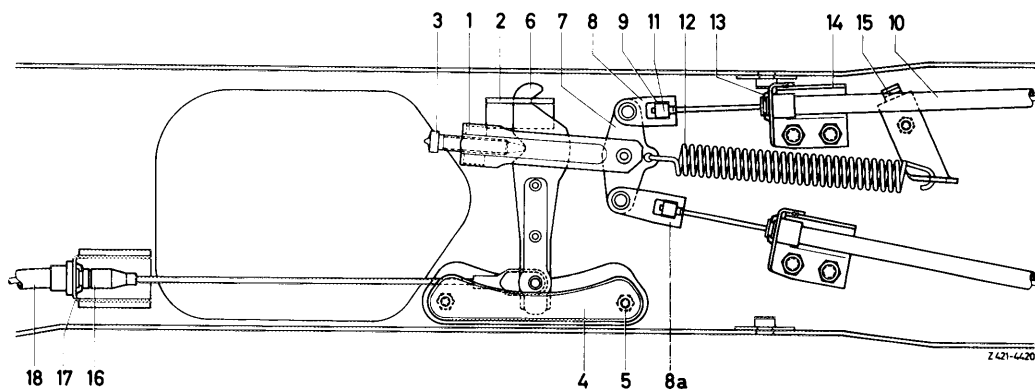
**Left side: from back to front**

**Right side: from front to back**

4 Upon completion of adjustments, check as follows: Depress pedal of parking brake to 1st detent. In this position, brake shoes of parking brake should be in lightly applied condition.

**Attention!**

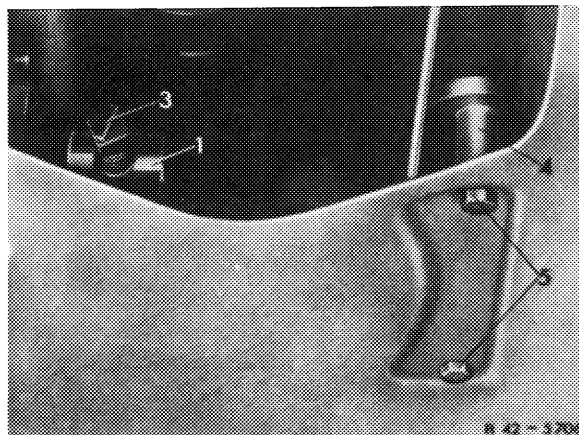
Adjusting screw (3) on intermediate lever must not be altered when adjusting parking brake. It only balances the lengths of cables.



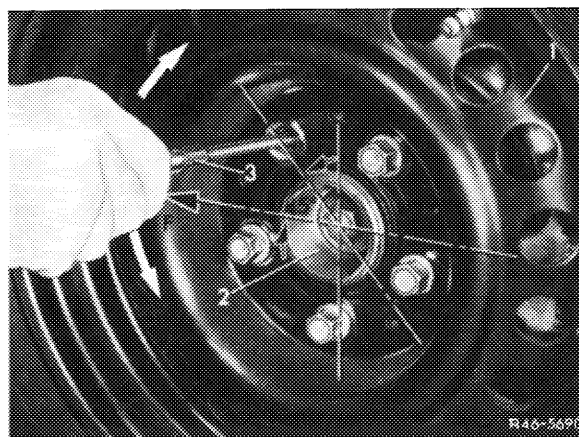
- |                                |                       |  |                              |
|--------------------------------|-----------------------|--|------------------------------|
| 1 Adjusting bracket            | 6 Intermediate lever  | 10 Rear cable control                  | 15 Holder for draw spring    |
| 2 Bearing on frame floor       | 7 Compensating lever  | 11 Adapter                             | 16 Rubber grommet            |
| 3 Adjusting screw              | 8 Cable control link  | 12 Draw spring                         | 17 Spring clamp              |
| 4 Guide for intermediate lever | 8a Cable control link | 13 Spring clamp                        | 18 Front brake cable control |
| 5 Hex. bolt                    | 9 Hose member         | 14 Holder for rear brake cable control |                              |

## Adjustment starting August 1985

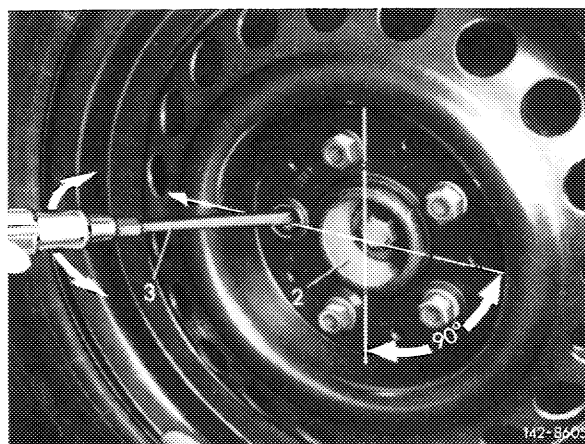
- 5 Completely loosen adjusting screw (3). The spreader locks should not be pretensioned.
- 6 Unscrew one wheel bolt each at rear axle left and right. Jack up vehicle.



Position of wheel on vehicles with diagonal swing axle



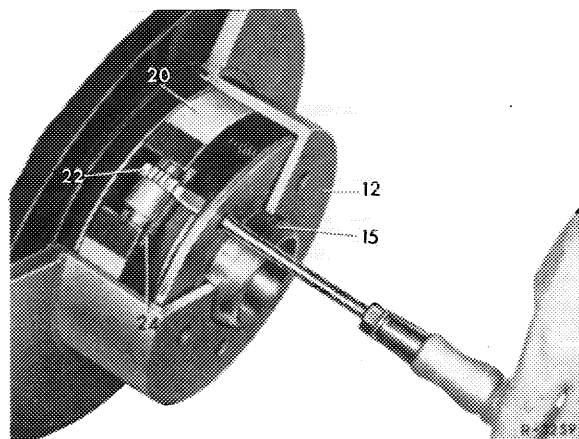
Position of wheel on vehicles with diagonal swing axle with starting torque compensation



- 7 Insert a screwdriver (size 4.5 mm) through hole of rim, brake disk (12) and rear axle shaft flange (15) into adjusting wheel of adjusting device (22) and rotate adjusting wheel by pertinent movements until the wheel can no longer be rotated. Then turn back adjusting wheel for approx. 2–3 teeth, i.e. enough until the wheel can be rotated again absolutely free.

### Attention!

Adjusting direction of screwdriver for application of brake shoes:



Vehicles with diagonal swing axle

Lefthand side: from below in upward direction.

Righthand side: from above in downward direction.

Vehicles with diagonal swing axle with starting torque compensation

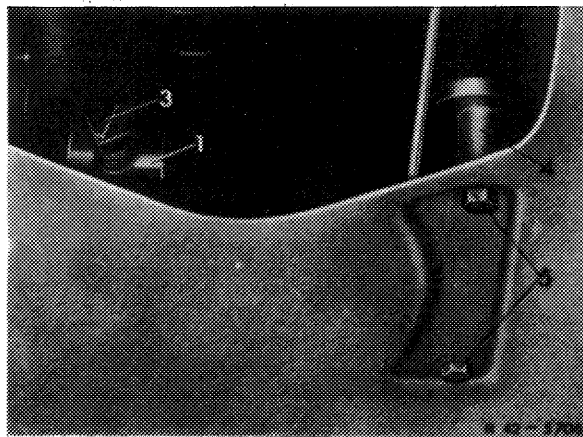
Lefthand side: from the rear to the front.

Righthand side: from the front to the rear.

8 Screw in adjusting screw (3) until the brake cables are no longer sagging.

9 Actuate parking brake several times energetically at approx. 400 N.

10 Screw adjusting screw (3) into adjusting bracket (1) until the pedal of the parking brake can be actuated by one tooth at medium force of approx. 150–180 N.



### Basic adjustment

---

Basic adjustment is required if e.g. one of the brake cable controls or the rear axle were replaced (refer to Fig. item 8).

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

12 Adjust brake shoes of parking brake (refer to points 1 through 4).

13 Screw adjusting screw into adjusting bracket until pedal of parking brake permits depressing for a distance of 2–3 teeth at a medium force of approx. 400 N.

### Attention!

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