

All models

### Parking brake adjusting specifications

Model	107	124 129 through 09/89	124 129 starting 10/89	126	140	201 through 01/87	201 starting 02/87
Number of notches at which parking brake should be adjusted if no adequate braking effect is felt	2	4	5	4	5	2	3

If parking brake does not apply as specified, adjust (refer to SMS Job No. 42-540) on separate order.

Measure effectiveness of the parking brake on dynamometer.

**Note:** Before measuring effectiveness, break in parking brake. Observe the following:  
**When actuating the parking brake, the ratchet of the pedal or lever should not be allowed to engage.**

The parking brake can be broken in using the following methods:

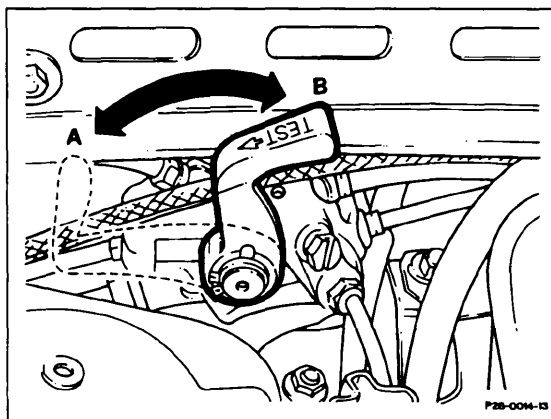
- During a test drive on a dry road at a speed of approx. 50 km/h, apply parking brake 2 to 3 times with a force of 100-200 N for pedal operated parking brake and 80-160 N for lever operated parking brake. Brake vehicle to a stop while observing any traffic behind vehicle since stop lamps do not light.
- At a constant speed of approx. 50 km/h on a dynamometer, apply parking brake for 10 seconds at a max. of 100 N for pedal operated parking brake and at 80 N for lever operated parking brake.

**⚠ WARNING!**

On vehicles with **4MATIC**, the system must be shut off before operating vehicle on dynamometer.

On vehicles with **4MATIC** up through 04/91 production, set service switch located on right side in engine compartment to test position (A) when operating vehicle on dynamometer.

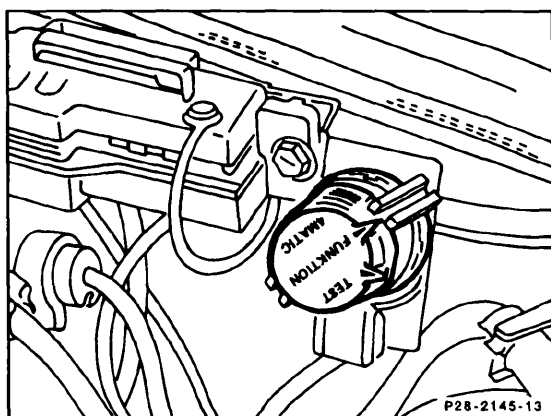
up through 04/91



On vehicles with **4MATIC** starting 05/91 production, the switch (located on the right inner side of the component compartment wall) must be switched from the **FUNKTION** position to the **TEST** position. Pull the round cover out, turn and reinsert in the **TEST** position.

The ignition must be off when setting the switch back to the **FUNKTION** position, otherwise the **4MATIC** warning lamp will not go out.

starting 05/91



- On chassis dynamometer, operate vehicle at a constant speed of 50 km/h (3rd gear). Apply parking brake for 10 seconds at a constant force of 100 N for pedal operated parking brake and 80 N for lever operated parking brake. Do not exceed specified force.

The break in procedure can be repeated after the brakes have been allowed to cool off.

**Service brakes**

Check free travel of brake pedal. At a force of approx. 200 N, the brake pedal should be halfway through the total travel. Perform test with vacuum assist from running engine.