Ispection of parking brake must be carried out on a roller test rig as follows.

Release position: Wheel circumferential force ≤300 roll-up sun screen

1st tooth: Do not allow braking force to increase relative to release setting.

Indicator light could be on.

2nd tooth: Braking action can begin.

Indicator light must be lit.

3rd tooth: Braking action must begin.

4th tooth: Increasing braking action.

5th tooth: Wheel circumferential forces on both rear wheels must measure at least 1100 N, or at least 1000 N on one wheel.

Differential circumferential wheel force on left and right sides must not deviate by more than 30% from highest value (shortly before wheels lock).

If wheel circumferential forces deviate by more than this, parking brake must be readjusted.

It must be possible to lock the brakes using the parking brake.

Basic setting of the parking brake is required whenever:

Brake shoes are replaced

Brake discs are replaced

Bowden cable is replaced

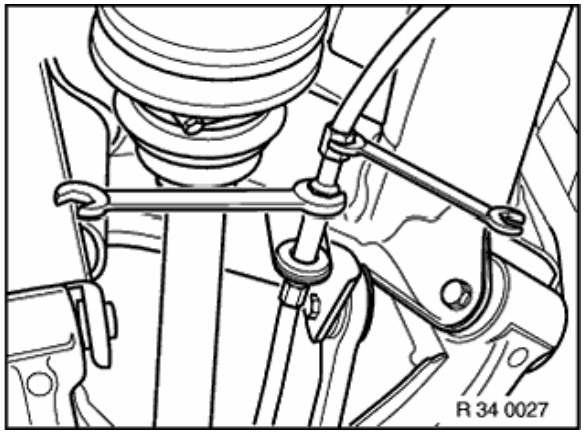
Bowden cable guide tube is replaced

Adjusting unit is reset

Actuating stroke is excessive

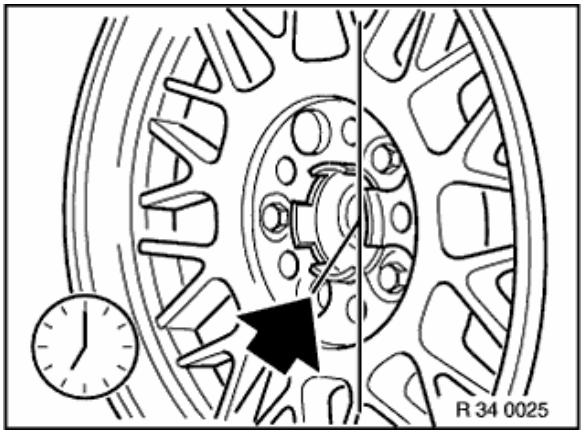
Note:

Accurate adjustment of the parking brake is only possible if the handbrake Bowden cables and all moving parts on the handbrake move easily and function correctly.



1. Adjustment specification for brake shoes

Completely untighten adjusting nut on left Bowden cable.



Completely unscrew one wheel stud on each rear wheel.

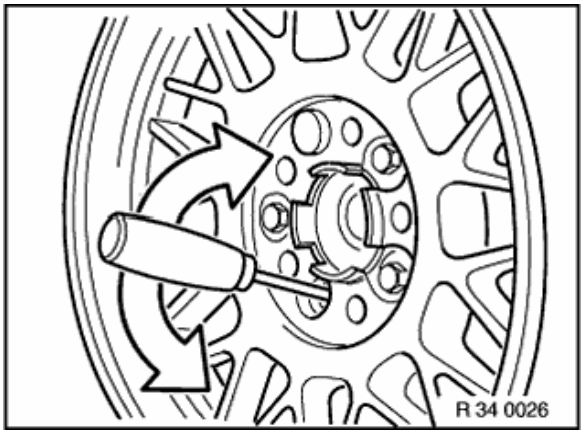
Rotate wheel until threaded bore on right wheel reaches 7 o'clock and left wheel reaches 5 o'clock setting.

Installation:

Install and tighten wheel bolt.

For tightening torque,

refer to Technical Data 36 10 1AZ



Twist adjusting screw with a screwdriver until it is no longer possible to rotate wheel.

Then unfasten the adjusting screw 8 notches.

2. Adjustment specification for Bowden cable

2.1 Completely unfasten parking brake pedal.

2.2 Adjust nut on left Bowden cable until it is just possible to keep turning the rear wheels.

2.3 Actuate parking brake pedal 10 times with uniform force up to 6th ratchet.

2.4 Engage parking brake pedal on 3rd ratchet.

2.5 Unfasten adjusting nut until it is still just possible to turn the rear wheels by hand.

2.6 Check wheel brake force:

1st tooth on gear free (can be turned by hand), 4th tooth on gear fixed (cannot be turned by hand)

3. Braking in the duo-servo parking brake

3.1 **On roller test rig:**

3.1.1 Actuate parking brake pedal until wheel circumferential force on both wheels reaches min. 800 roll-up sun screen.

3.1.2 Release foot-operated parking brake lever after approx. 2 min.

3.2 **When driving on road**(possibly on factory site and/or private/empty road):

3.2.1 At approx. 40 km/h, operate the foot-operated parking brake lever until a braking action can be detected (clutch open and/or selector lever position"N" on vehicles with automatic transmission).

3.2.2 Press parking brake pedal into next detent and drive on for approx. 200 m.

3.2.3 Repeat whole process once.