

34 11 000

Removing and installing/replacing brake linings of both front disk brakes

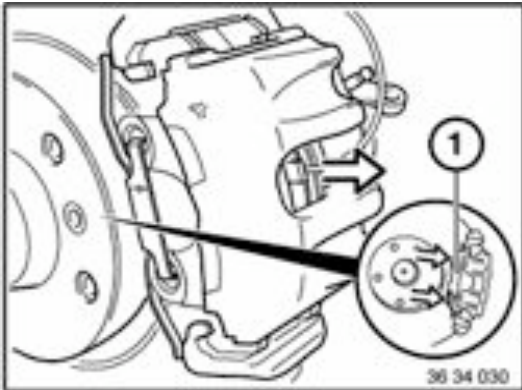


Note:

After completing the tasks, press brake pedal several times to the floor so that brake linings contact brake disks. When installing new brake linings on the front axle and simultaneously replacing the brake linings on the rear axle, check the brake-fluid level and top up to the "MAX" marking if necessary.

Remove wheels.

Refer to 36 10 300.

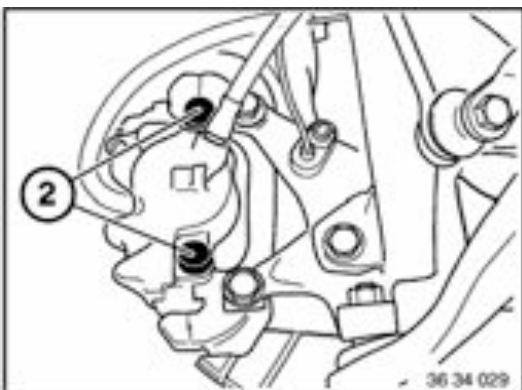


Lift out retaining spring (1).

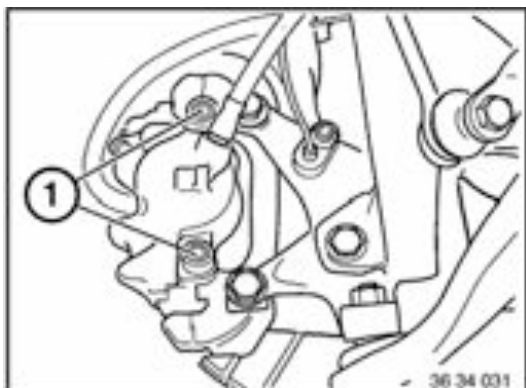
Left:

Disconnect plug connection for brake lining wear sensor.

If necessary, replace brake lining wear sensor.



Remove plastic plugs (2).



Unfasten guide screws (1) and lift out brake caliper towards rear of vehicle. Do not allow brake caliper to hang from brake hose, risk of damage to brake hose.

Installation:

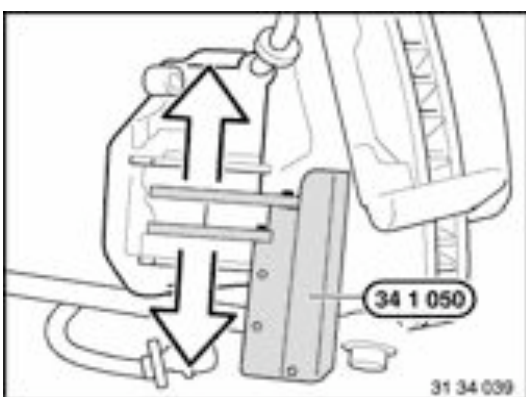
Only clean guide screws; do not grease.

Check threads.

Replace all guide screws which are not in perfect condition.

Tightening torque,

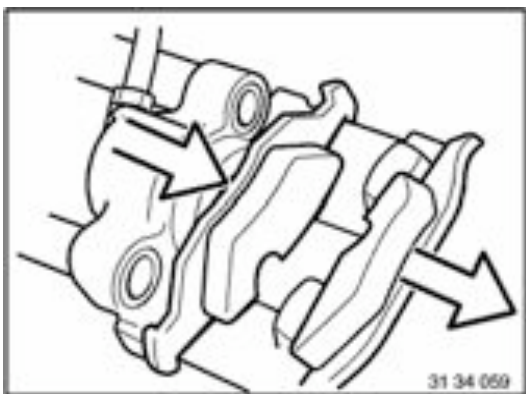
refer to Technical Data 34 11 3AZ .



Turn piston fully back with special tool 34 1 050.

Important!

When turning back the piston, watch the brake-fluid level in the expansion tank, as overflowing brake fluid will destroy the paintwork.



Remove outer brake lining.

Inner brake lining is located with its spring in the piston.

Important!

Mark any worn brake linings.

In the event of one-sided brake lining wear, do not change brake linings round.

New brake linings may only be installed if the brake disk thickness is greater than or equal to the minimum brake disk thickness (MIN TH).

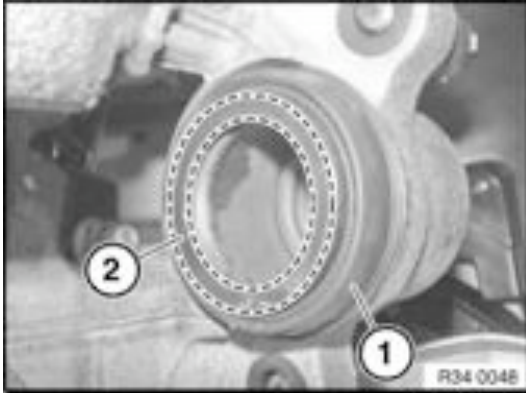
Refer to Technical Data.

Observe minimum thickness of brake linings,

refer to Technical Data.

Clean brake linings.

Do not apply grease to brake pad backplate.

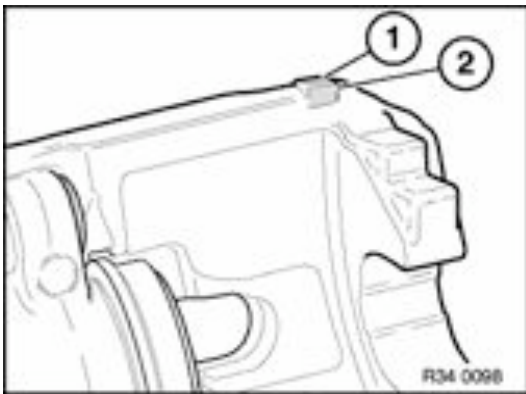


Check dust sleeve (1) for damage and replace if necessary.
Clean contact face (2) of brake piston and apply a thin coating of anti-squeak compound.

Anti-squeak compound, refer to BMW Service Operating Fluids.

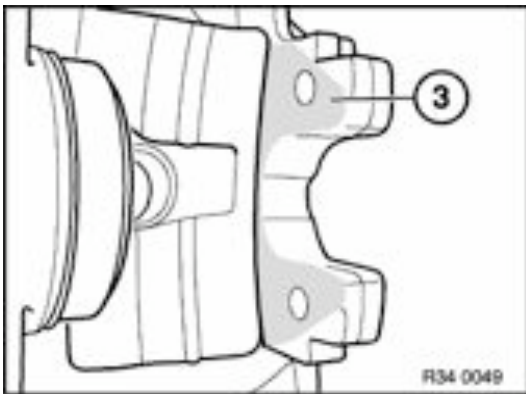
Important!

Dust sleeve must not come into contact with anti-squeak compound as this may cause the dust sleeve to swell.



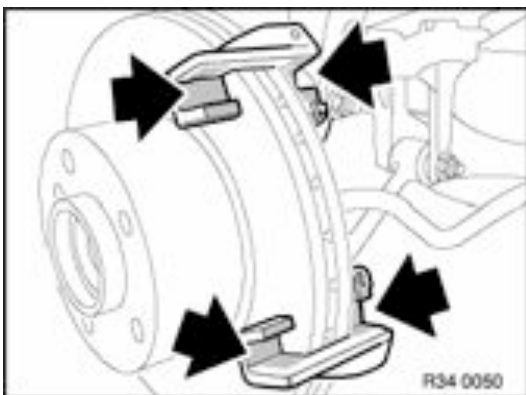
Clean contact faces (1...2) of brake lining hammer heads/brake caliper housing and coat with anti-squeak compound.

Anti-squeak compound, refer to BMW Service Operating Fluids.



Clean contact face (3) of brake caliper and apply a thin coating of anti-squeak compound.

Anti-squeak compound, refer to BMW Service Operating Fluids.



Clean contact face of brake caliper mounting bracket and apply a thin coating of anti-squeak compound.

Anti-squeak compound, refer to BMW Service Operating Fluids.