

Rear brake caliper

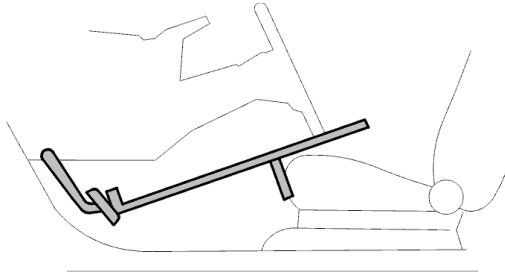
Special tools: [115 8147](#) , [981 4071](#) , [999 2809](#) , [999 2917](#)

Preparations

- Remove wheel.

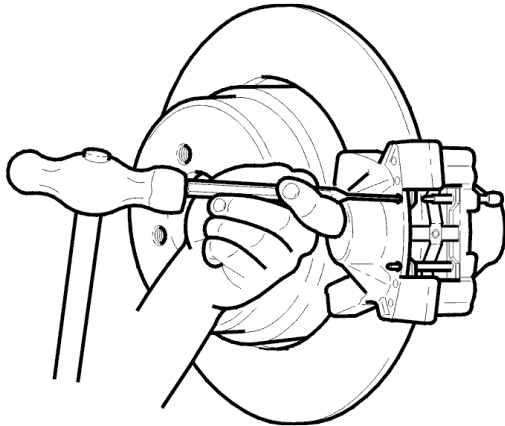
Removing brake caliper

- Clean brake caliper carefully.
- Remove protective cap from bleed nipple and open the nipple.
- Lock the pedal in its depressed position with a pedal jack.
- Collect brake fluid as it runs out.

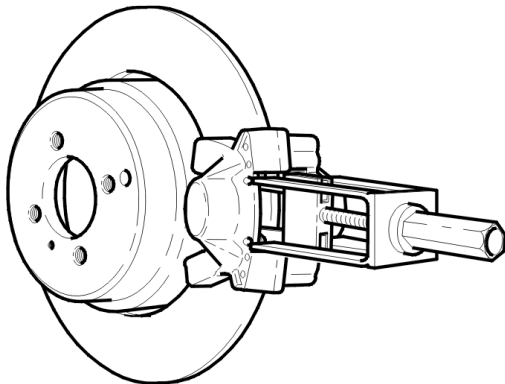


Removing brake pads

- Push out split pins with a 3 mm drift.
- Pull out retaining spring.

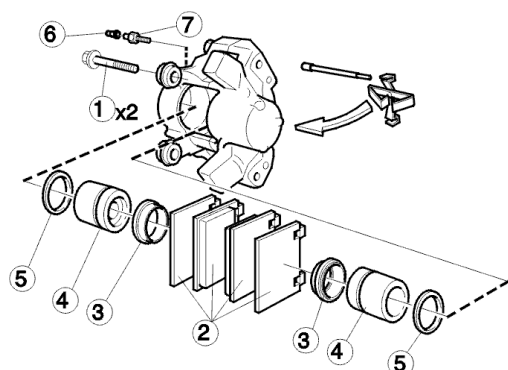
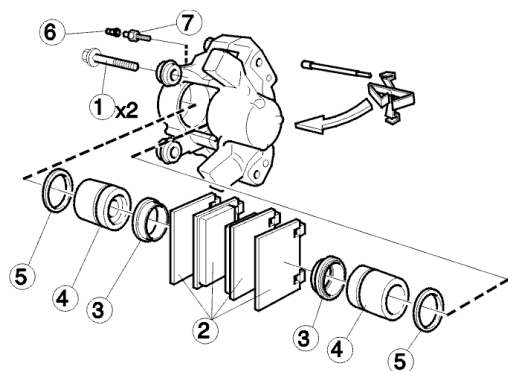


- Remove brake pads and shims. Use puller [999 2917](#) if brake pads are difficult to remove.



Disassembling brake caliper

- Remove brake pipe from brake caliper.
- Remove brake caliper mounting bolts (1) and let caliper down.
- Drain remaining brake fluid.



Disassembling brake caliper

Warning! Take care to avoid trapping fingers when the pistons are pressed out.

- Remove protective cap (3).
- Place a block of wood in front of pistons (4) and carefully press them out with compressed air.
- Remove pistons. If one piston has been removed and the other is difficult to remove use press tool [999 2809](#) and rubber liner as a counterhold instead of the removed piston.
- Use weatherstrip tool [981 4071](#) or similar, to remove sealing rings (5).
- Remove bleed nipple (7).

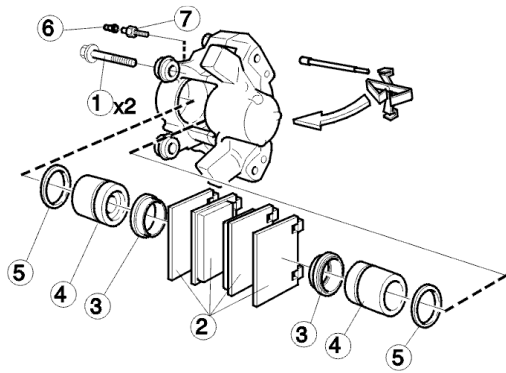
Note! Do not separate the two halves of the caliper. This requires special pressure-testing equipment and special assembly fluid.

Cleaning and inspection

- Clean components with denatured alcohol. Check for wear, damage, cracks and rust. Replace components if necessary.
- Always replace O-rings and protective cap during overhaul. Take particular care to clean ducts and grooves for the sealing rings and protective cap.
- If cylinders are badly marked or scratched, replace caliper assembly.
- Remove minor rust deposits with fine sandpaper.

Assembling brake caliper

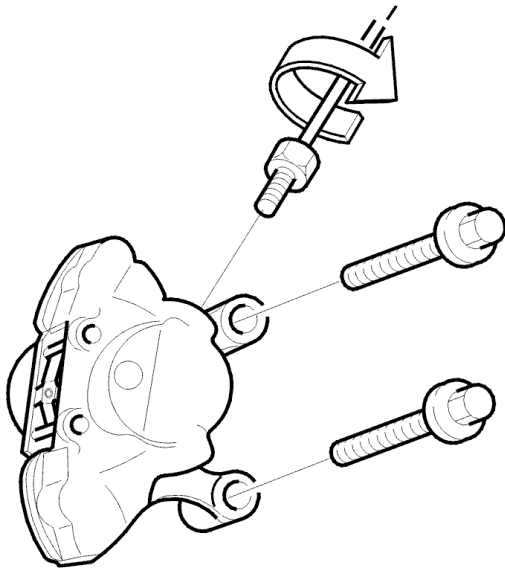
- Coat pistons, cylinder lining and O-rings with brake fluid.



- Install O-rings (5) in cylinder grooves.
- Install pistons (4) in brake caliper, one first and then the other.
- Install new protective cap (3).
- Check that they fit into the grooves in pistons and brake caliper.
- Install bleed nipple (7). Tighten to 5 Nm.

Installing brake caliper

- Install brake caliper. Use new bolts and tighten to 60 Nm.
- Install brake pipe on caliper. Tighten to 14 Nm.



Finishing:

- * Continue with [Rear brake pads, replacement](#) .