

XC90, 2008, B6324S, TF-80SC AWD, YV4CZ982081451588, 451588



24/3/2015

PRINT

Brake pads front, replacing

Note! The illustrations in this service information are used for different model years and/or models. Some variation may occur. However, the essential information in the illustrations is always correct.

Preparatory work

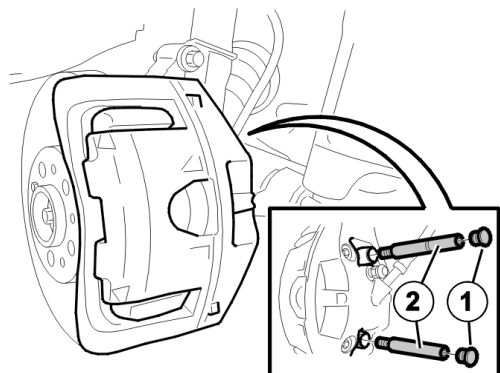
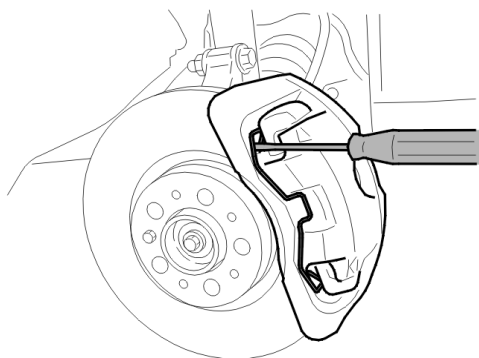
Remove the wheels on both sides.

Removal

Removing brake pads

Note! Minimum recommended pad thickness/replacement limit when installing new brake pads = 2 mm.

Remove the retaining spring carefully so as not to deform it.



Remove:

- the protective caps (1) from the two locating pins (2)
- slide pins, use Allen head socket **7mm** (for certain versions, Allen head socket **9 mm**).

Remove:

- the brake caliper

- from the holder
- brake pads.

Hang brake caliper from a steel wire from the front spring so as not to damage brake hose.

Note! Do not press down the brake pedal when the brake pads are removed.

Cleaning the brake caliper

Clean and check the brake caliper and dust cover.
Clean and check the brake pad mating surfaces in the brake caliper and caliper holder.
Clean the sliding pins using a steel brush.
Check piston dust boot.

Note! If the dust boot is damaged, dirt may have penetrated into the cylinder. If this is the case, the caliper must be replaced.

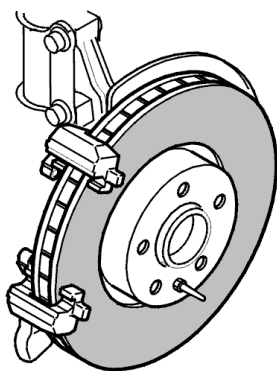
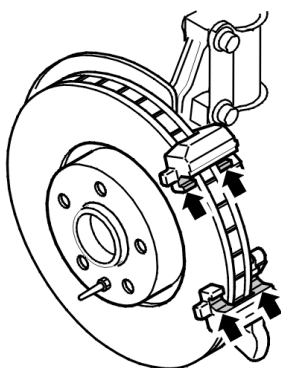
Checking the brake disc

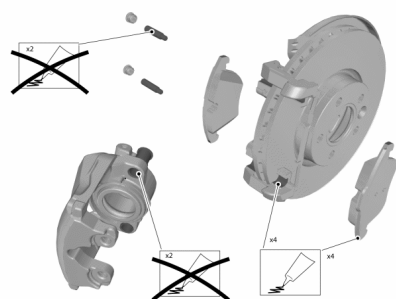
Check brake disc friction surfaces.
If the brake disc displays signs of out-of-true, check its lateral run out. See Brake disc front, calibrating .
Replace the brake disc if it displays signs of heavy wear, variable thickness or similar. To replace, see Brake disc front, replacing .

Note! Minimum disc thickness/replacement limit: Brake discs with an outer diameter of 316mm = 25.0 mm. Minimum recommended disc thickness when installing new brake pads = 25.8 mm. Brake discs with an outer diameter of 336 mm = 27.0 mm. Minimum recommended disc thickness when installing new brake pads = 27.8 mm.

Installation

Note! For tightening torques, see:





Tightening torque .

Lubricating the sliding surfaces

Lubricate the contact surfaces of the brake pads using silicone grease, part no. 1161687 (12 ml) or part no. 1161688 (50 ml)

(Do not lubricate the sliding pins)

Installing the brake pads

Press piston back into cylinder on brake caliper.

Check that the dust cover is correctly positioned.

Install:

- new brake pads
- the brake caliper.

Installing slide pins in the brake caliper

Note! Check the slide pins' rubber sleeves. Replace if necessary.

Insert the slide pins in the rubber sleeves.

Tighten the slide pins.

Tighten acc. to:

Tightening torque .

Install the protective caps.

Install the securing spring.

Finishing

Check the brake fluid level in the reservoir.

Depress the brake pedal a few times. Check the level of the brake fluid reservoir.

Top up if necessary.

Install the wheels. See: Installing wheels .