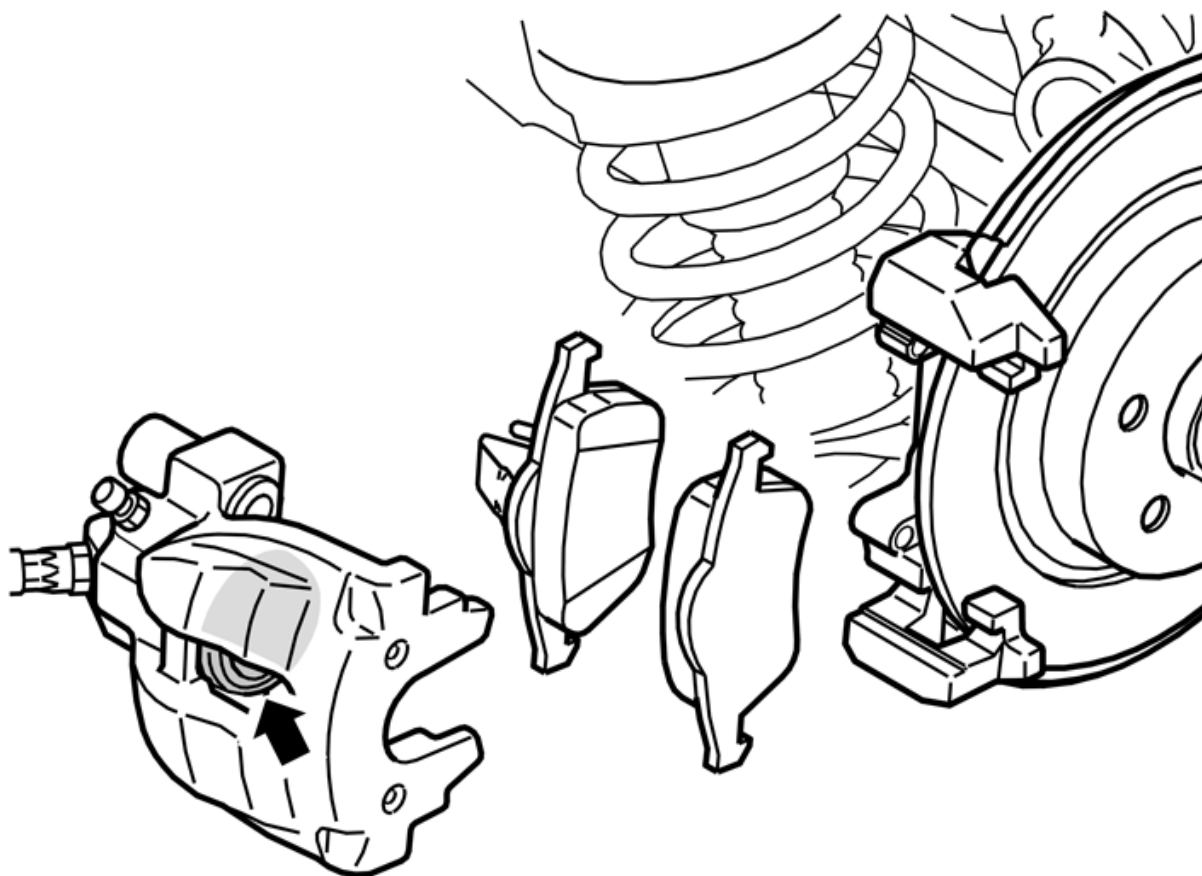


Installation instructions, accessories

Volvo Car Corporation Gothenburg, Sweden

Instruction No	Version	Part. No.
30683784	1.0	

Rear brake pads



D5100430

Equipment



A0000162

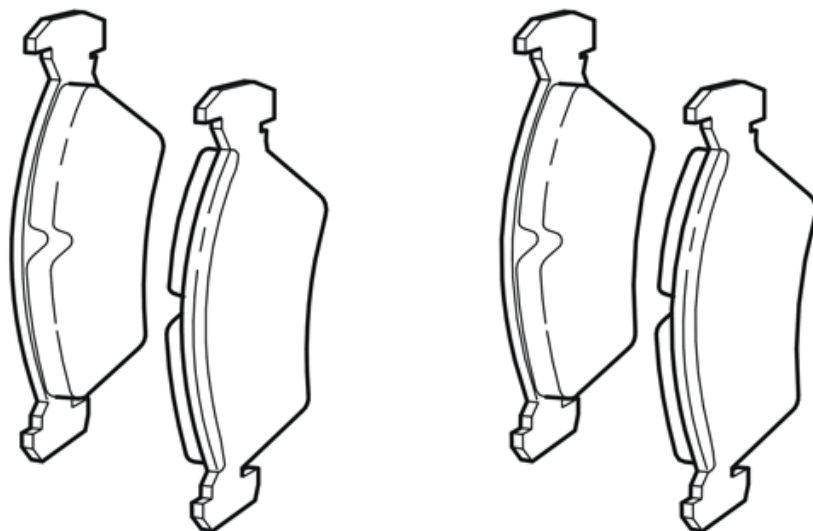


Nm
lbf.ft

A0000161

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A5100504

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INTRODUCTION

Read through all of the instructions before starting installation.

Notifications and warning texts are for your safety and to minimise the risk of something breaking during installation.

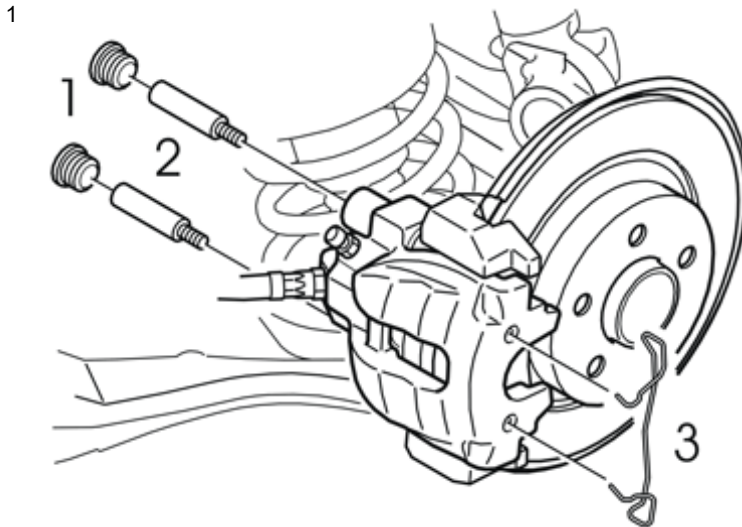
Ensure that all tools stated in the instructions are available before starting installation.

Certain steps in the instructions are only presented in the form of images. Explanatory text is also given for more complicated steps.

In the event of any problems with the instructions or the accessory, contact your local Volvo dealer.

Note!

This user's guide only applies to countries within the EU (European Union).



D5100416

Important! The brake pads on the front axle must all be replaced at the same time

Note!

Replace the brake pads when they have worn down to a minimum thickness of 3 mm.

Preparatory work

Lift up the vehicle. Ensure that the vehicle is stable. Remove the wheel.

Remove the retaining spring and the locating pins

Remove the retaining spring (3) carefully. Prevent the retaining spring from becoming deformed

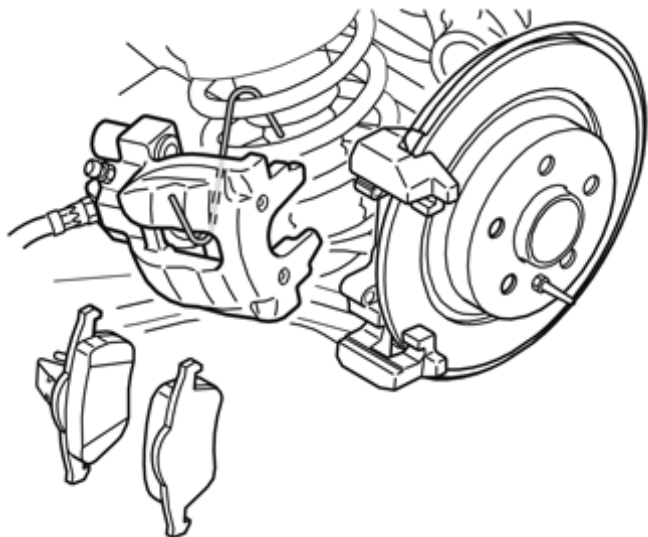
Remove the protective caps (1) from the two locating pins (2)

Remove the locating pins. Use a 7 mm hexagonal socket.

Installation instructions, accessories

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D5100429

Remove the brake calliper and the brake pads

Remove the brake calliper from the holder

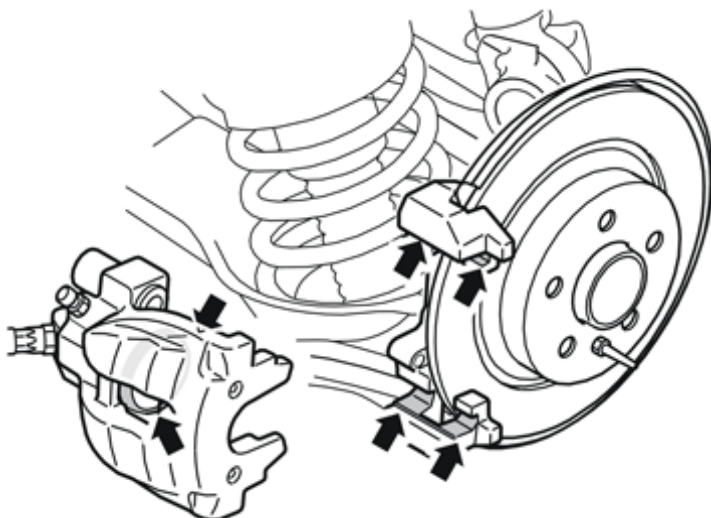
Remove the brake pads

Hang up the brake calliper from a steel wire mounted in the front spring so as not to damage the brake hose.

Note!

Do not depress the brake pedal when the brake pads have been removed.

3



D5100417

Clean and check the brake calliper and the dust boot

Clean and check the mating surfaces for the brake pads in the brake calliper

Check the dust boot for the piston. Replace the dust boot if it is damaged.

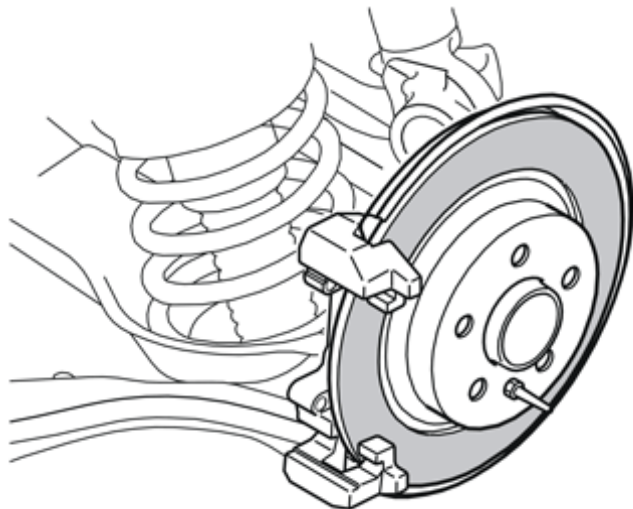
Note!

If the dust boot is damaged, dirt may have penetrated the cylinder. In this case the brake calliper must be renovated.

Installation instructions, accessories

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4



D5100425

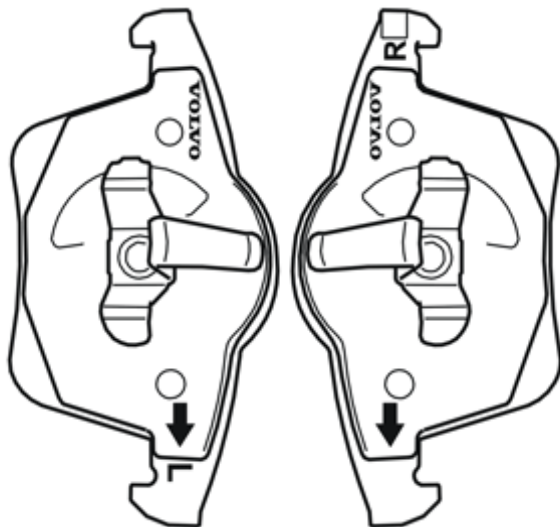
Check the brake disc

Note!

The minimum recommended disc thickness when installing new brake pads = 10.7 mm.

Check the brake disc. If the brake disc displays signs of deformation, check the lateral runout of the disc (must be carried out by a Volvo workshop).

5



D5100540

Applies only to the XC90

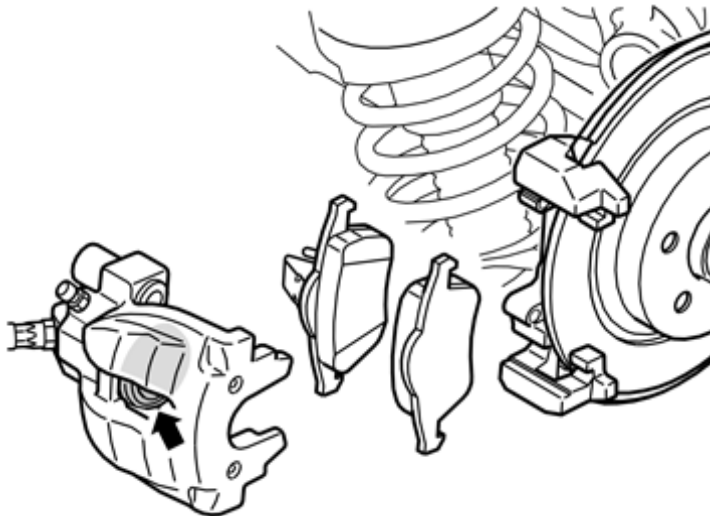
Note!

The rear brake pads on the piston side for the XC90 are in different versions on the left and right-hand sides. The brake pads are marked with an arrow showing the direction of rotation, as well as L for left and R for right sides.

Installation instructions, accessories

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D5100430

Install the brake pads and the brake calliper

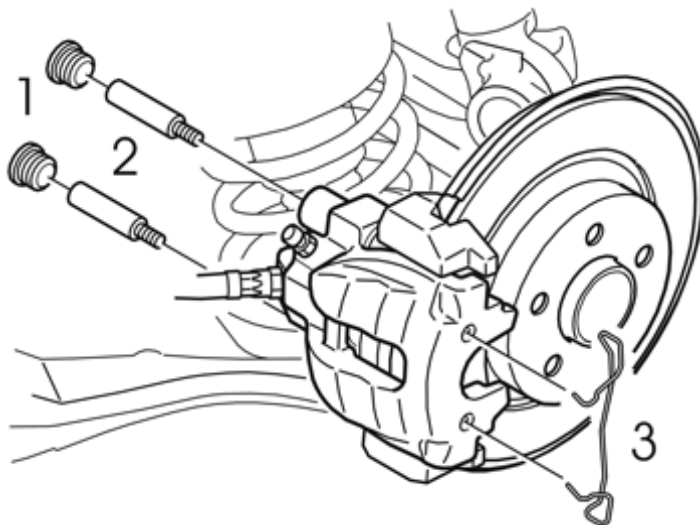
Press the piston back into the cylinder on the brake calliper

Check that the dust boot is correctly positioned

Install new brake pads

Install the brake calliper.

7



D5100416

Install the locating pins in the brake calliper

Check the rubber sleeves for the locating pins. Replace if necessary

Lubricate the locating pins using grease, P/N 1161325-4

Insert the locating pins (2) in the rubber sleeves. The pins must slide easily into the sleeves

Tighten the locating pins. Tighten to 30 Nm. Install the protective caps (1)

Install the retaining spring (3)

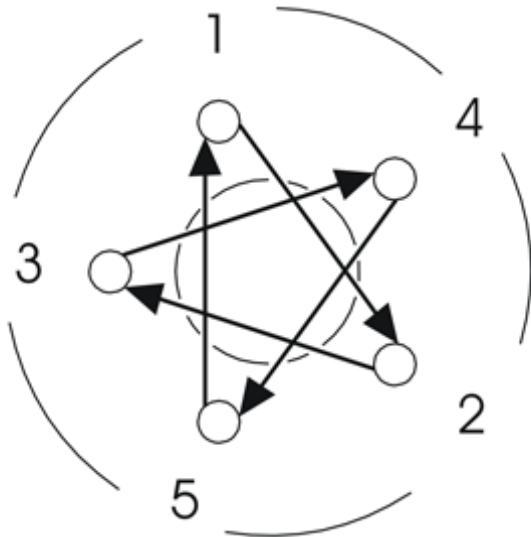
Reinstall the wheel

Repeat the procedure on the other side of the car.

Installation instructions, accessories

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8



A5100477

Ensure that the brake disc and the rim mating surfaces are clean

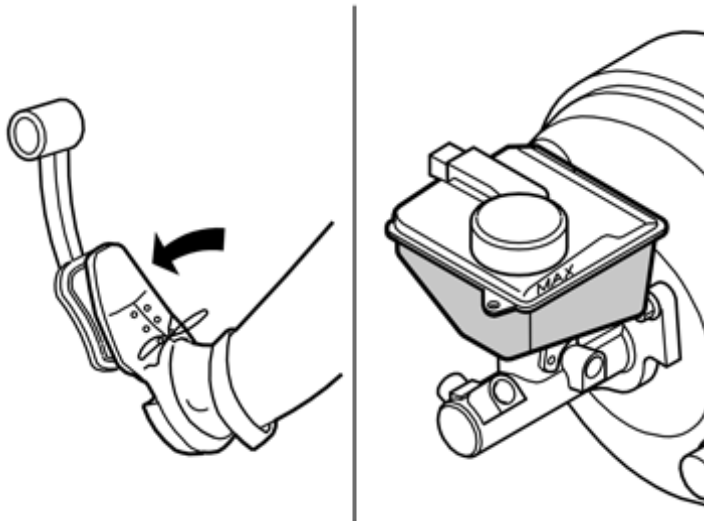
Lubricate the centre guide for the rim on the hub. Use installation paste 1161397-3

Install the wheel studs loosely. Then tighten the wheel studs crosswise. Tighten to 90 Nm (66 lbf. ft.). Use torque socket 9814031 if using an impact spanner. The studs must be tightened crosswise and to the correct torque to prevent stresses in the brake disc

Repeat the procedure on the other side of the vehicle

Lower the car.

9



D5900401

Check the brake fluid level

Depress the brake pedal a few times

Check the fluid level in the brake fluid reservoir. Top up if necessary.

Note!

To be completely certain that the brake pads are correctly positioned, apply the brakes repeatedly when the car is on the ground. Repeat the process until the pedal travel has stabilised at approximately one third of its total travel.