

Select Vehicle | New TSBs | Technician's Reference Component Search:

 Conversion Calculator

2003 Volvo S40 L4-1.9L Turbo VIN 27 B4204T4

[Vehicle Level](#) → [Brakes and Traction Control](#) → [Disc Brake System](#) → [Brake Pad](#) → [Service and Repair](#)
→ [Rear Brake Pads](#) ←

Rear Brake Pads

[Notes](#)

Replacing The Rear Brake Pads

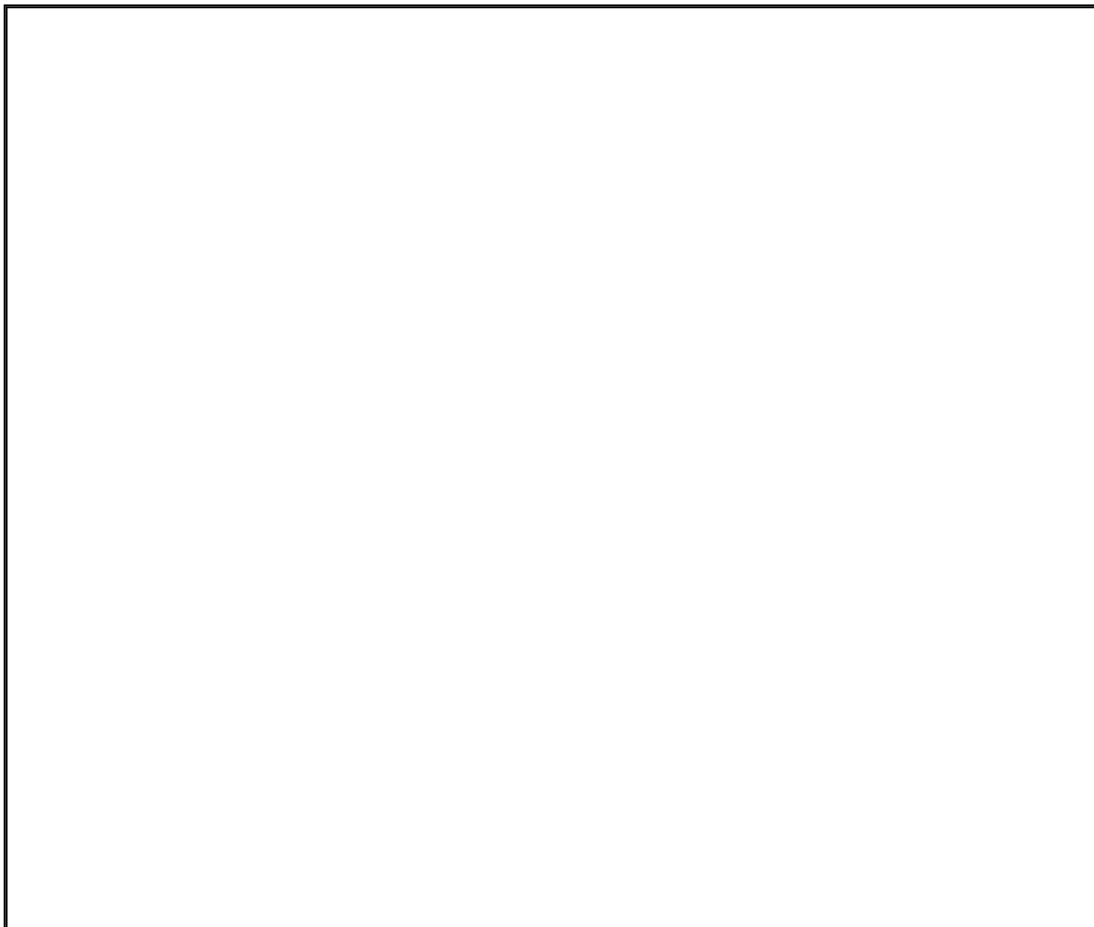
Special Tools: 999 5782, 951 2834

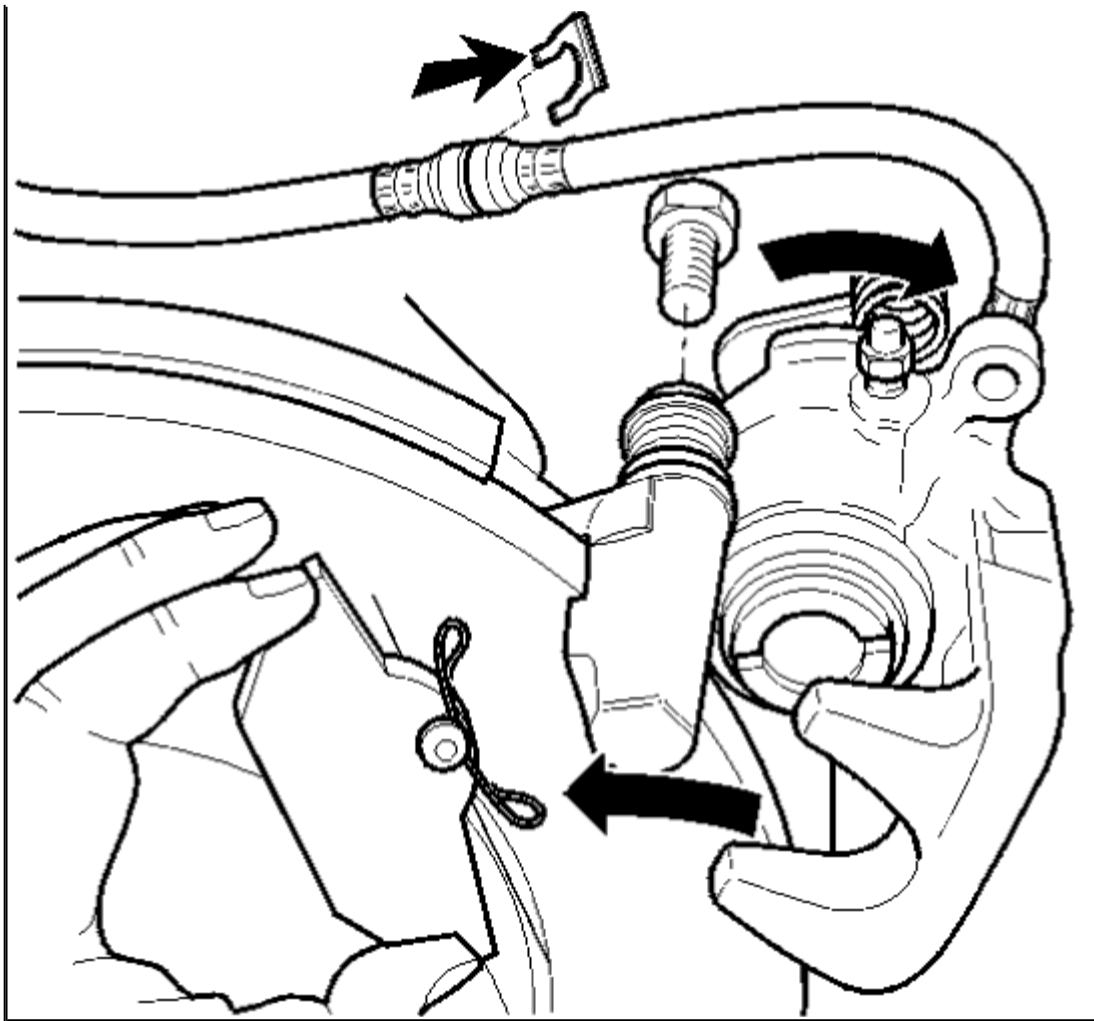
General

CAUTION: Replace the brake pads when the minimum thickness is **2 mm** .

Removing the rear brake pads

Remove





Zoom

Sized for Print

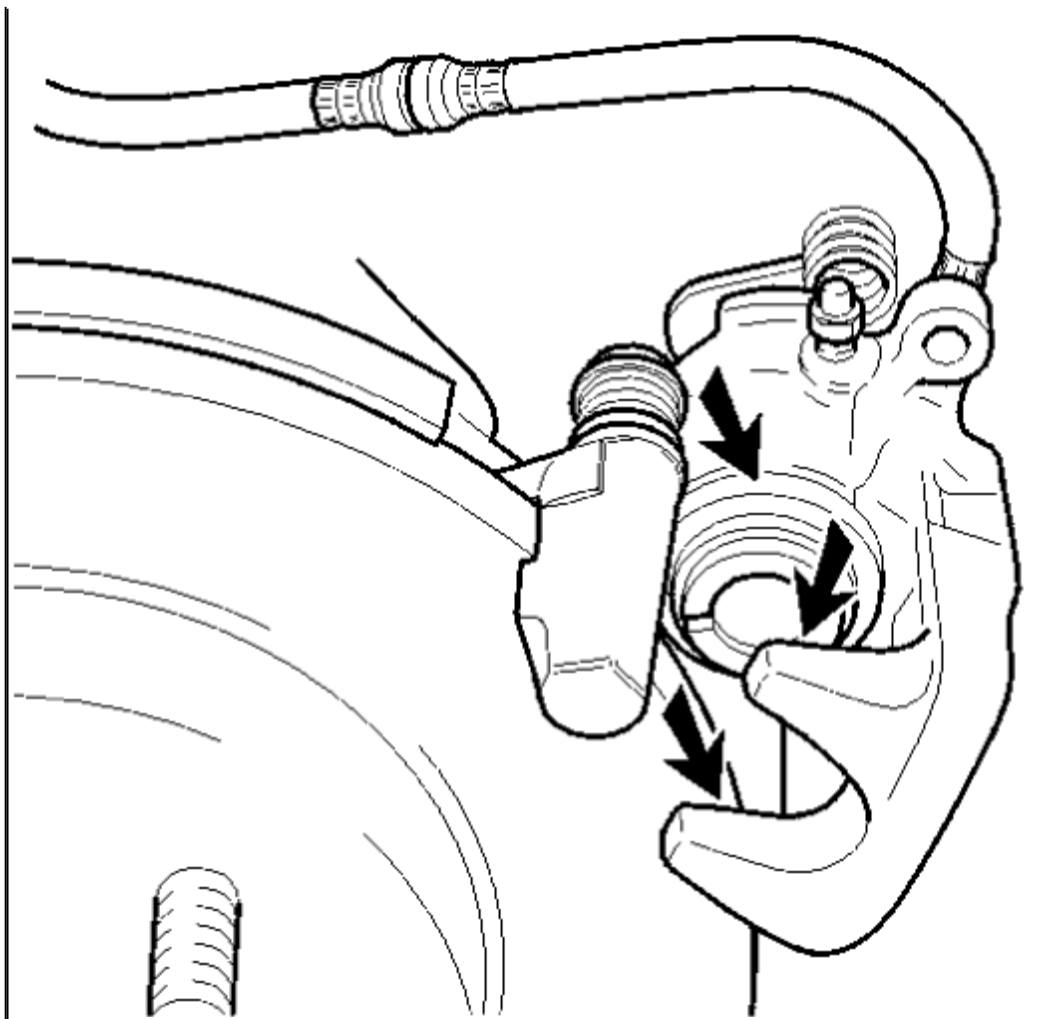
- the hub cap and the wheel
- the retaining clip and the brake hose from the support
- the upper bolt from the locating pin for the [brake caliper](#).

Twist the [brake caliper](#) backwards. Remove the brake pads.

NOTE: Do not depress the brake pedal while the brake pads are removed.

Checking and cleaning the rear [brake calipers](#)



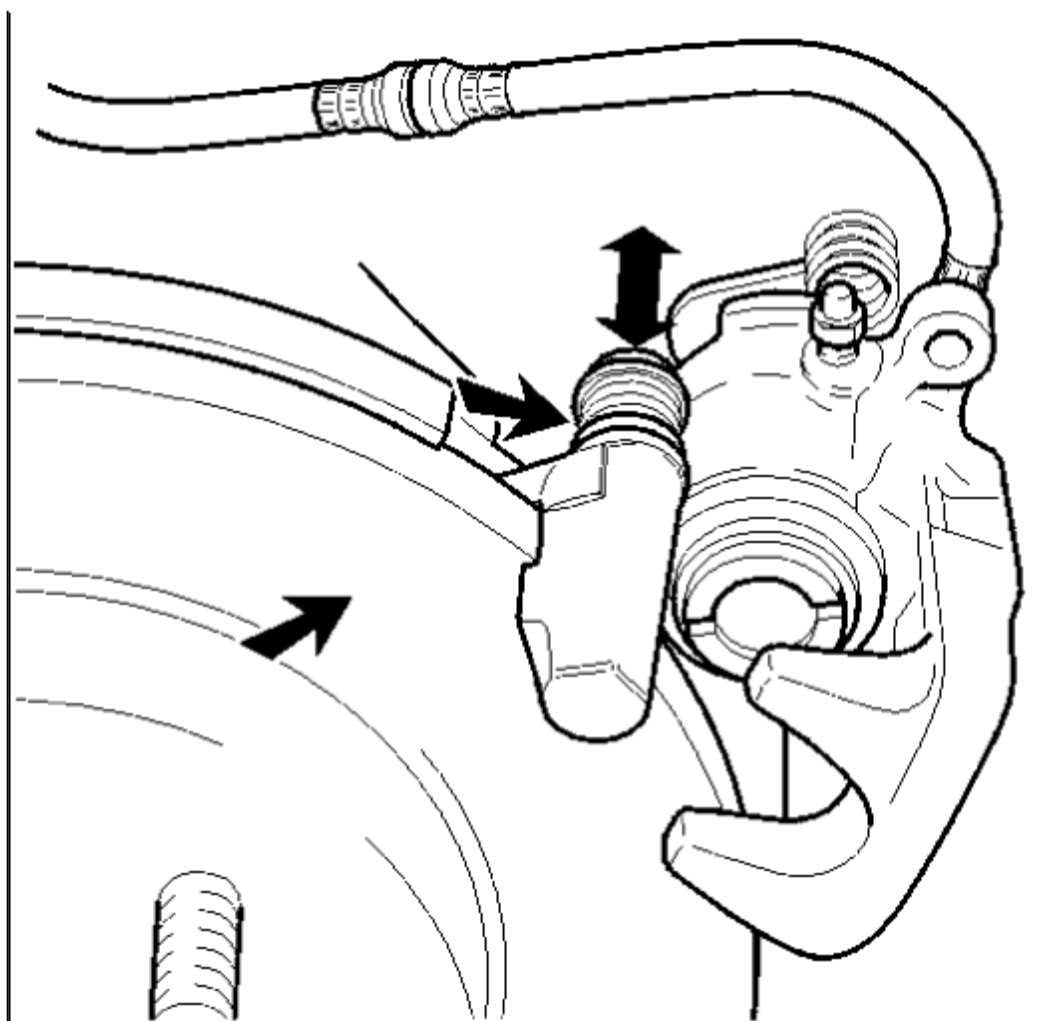
[Zoom](#)[Sized for Print](#)

Clean brake pad contact surfaces in the [brake caliper](#) and on the caliper mounting. Check the dirt guard for the piston. Replace the dirt guard if it is worn. Recondition the [brake caliper](#) if the dirt guard is defective.

NOTE: If the dirt guard is defective, dirt may have penetrated the cylinder. Therefore the [brake caliper](#) must be reconditioned.

Checking the rear brake disc



[Zoom](#)[Sized for Print](#)

Check the brake disc surface. Check the lateral runout of the brake disc if the disc is uneven. Replace the brake disc if it is worn or grooved.

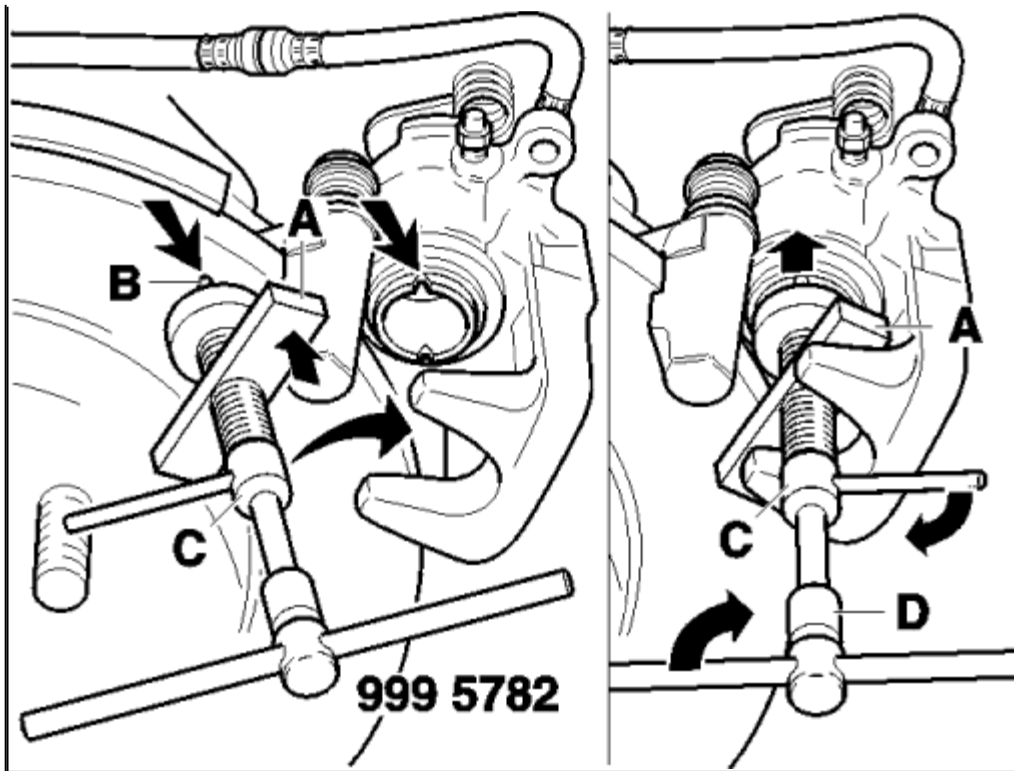
NOTE: Minimum disc thickness = **8.4 mm** . If installing new brake pads, the minimum disc thickness must be at least **8.9 mm** .

Checking the locating pins for the rear [brake calipers](#)

Check the rubber sleeves on the locating pins. Replace if necessary. If necessary, lubricate the locating pins using Volvo silicon grease (P/N 1161325-4). Insert the locating pins in the rubber sleeves. The locating pins must slide into the sleeves easily.

Rotating the brake piston backwards





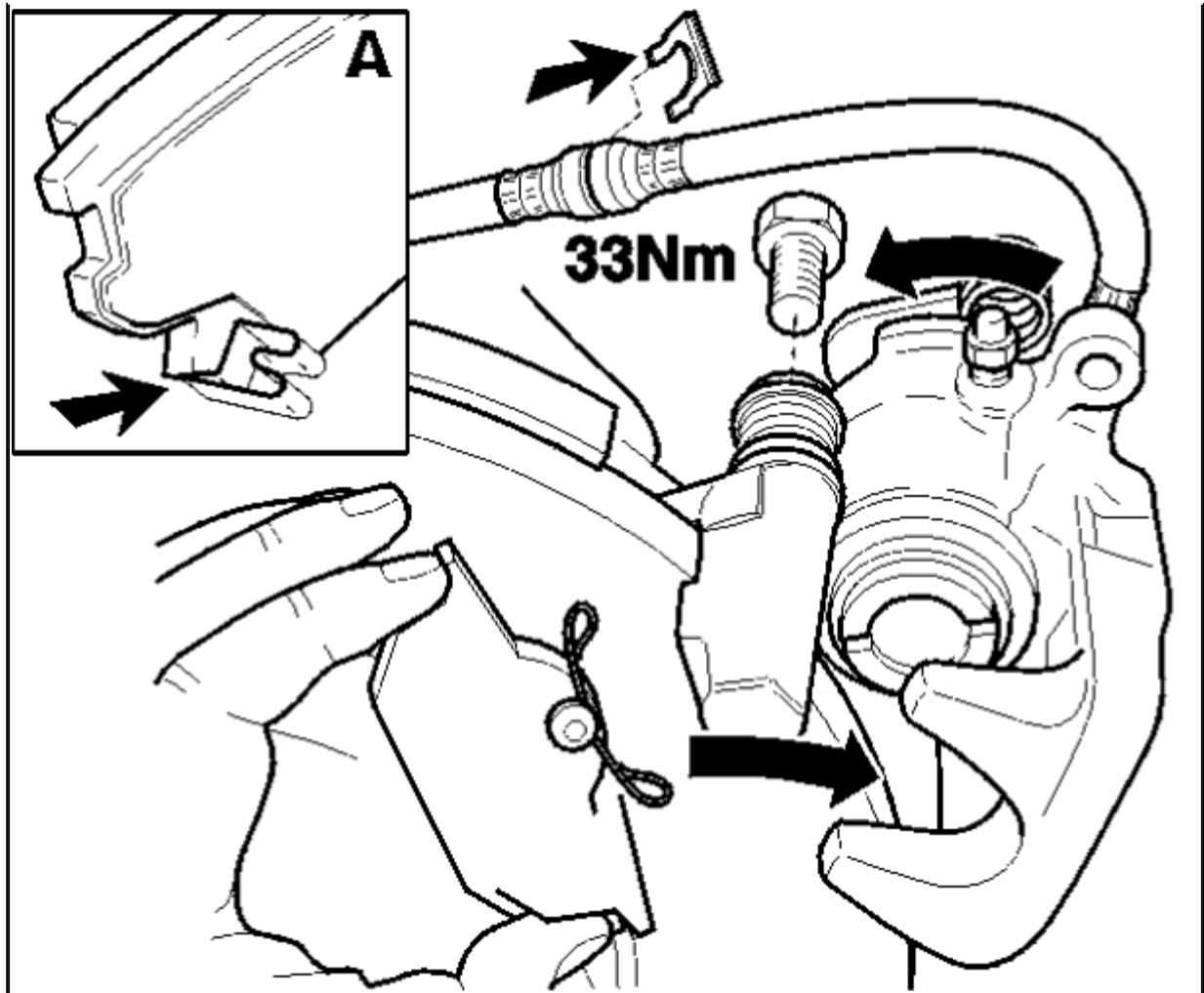
Zoom

Sized for Print

- Block the [brake caliper](#) against the brake disc. Use special tool 999 5782.
- Turn the plate (A) forward over the shaft and insert the tool
- Install the lugs (B) in the cut-out in the brake piston
- Turn the shaft (C) so that the plate (A) presses against the [brake caliper](#)
- Turn the axle (D) to the right and press the piston back while turning the shaft (C) to the right so that the plate (A) is in contact with the brake caliper
- Turn the brake piston back fully and remove the tool.

Installing the rear brake pads





Zoom

Sized for Print

Install the wear indicator (A) on the under side of the inner installed brake pads. Install the brake pads. Position the [brake caliper](#). Install the new locking bolt. Tighten to **33 Nm**.

Install the brake hose in the support. Install the retaining clip.

NOTE: Secure adhesive foil onto the steel plates to prevent the rear brake pads from rattling.

Installing the wheels

Install wheels.

Checking the [brake fluid](#) level

WARNING: Always depress the brake pedal repeatedly before test driving the car.

Check the [brake fluid](#) level.

Check the parking brake.

© 2010 ALLDATA LLC. All rights reserved.
[Terms of Use](#)