



How to change front  
brake pads on **RENAULT**  
**Safrane I phase 2**  
**Hatchback (B54)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

### **ⓘ Important!**

This replacement procedure can be used for:

RENAULT Safrane I phase 2 Hatchback (B54) 2.0 16V, RENAULT Safrane I phase 2 Hatchback (B54) 2.2 dT, RENAULT Safrane I phase 2 Hatchback (B54) 2.5 20V, RENAULT Safrane I phase 2 Hatchback (B54) 3.0 V6, RENAULT Safrane I phase 2 Hatchback (B54) 2.9 24V

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: RENAULT Megane Scenic (JA) 1.6 16V

REPLACEMENT: BRAKE PADS – RENAULT SAFRANE I  
PHASE 2 HATCHBACK (B54). TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Wheel impact socket #19
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

[Buy tools](#)

Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54).  
AUTODOC experts recommend:

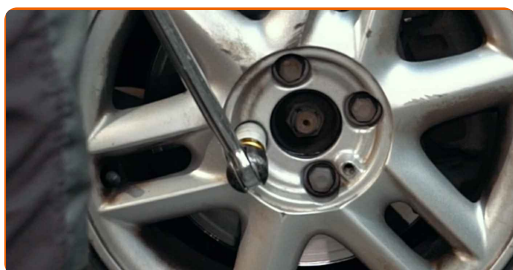
- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – RENAULT Safrane I phase 2 Hatchback (B54) – should be done with the engine switched off.

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**1** Open the bonnet. Unscrew the brake fluid reservoir cap.

**2** Secure the wheels with chocks.

**3** Loosen the wheel mounting bolts. Use wheel impact socket #19.



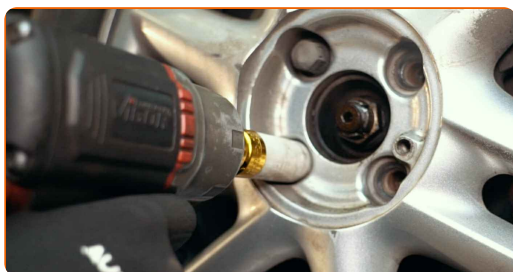
**4** Raise the car.

Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54). Tip from AUTODOC:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

5

Unscrew the wheel bolts.

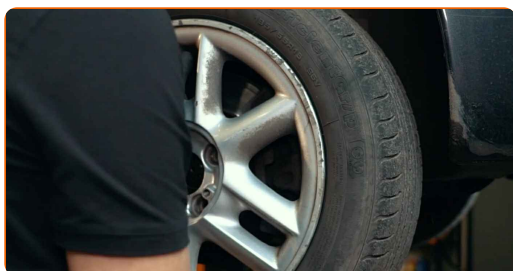


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. RENAULT Safrane I phase 2 Hatchback (B54)

6

Remove the wheel.



7

Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8

Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #13. Use a ratchet wrench.



9

Remove the brake caliper.



### AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

10

Remove the brake pads. Use a crowbar.

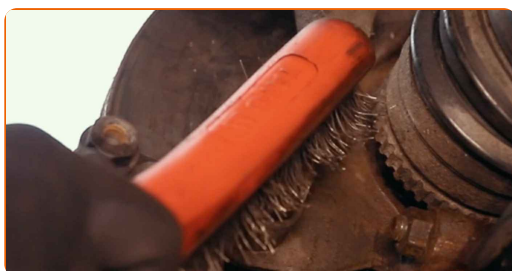


Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54). Tip from AUTODOC experts:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

11

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54). After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

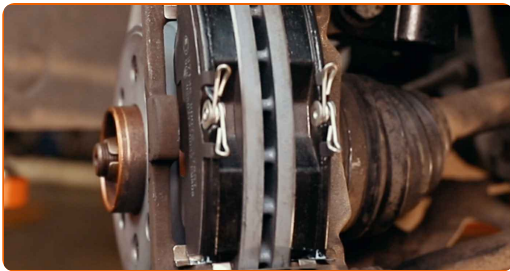
- 12** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54). Tip from AUTODOC experts:

- Make sure the disc surface is clean before installing the pads.

- 13** Install new brake pads.



- 14** Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

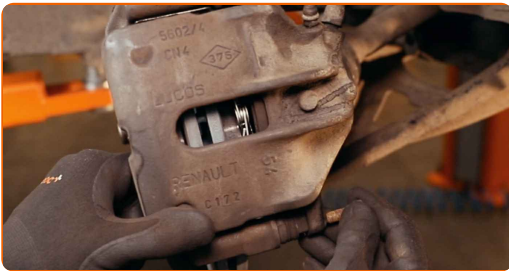
- After applying the spray, wait a few minutes.



**15** Press in the brake caliper piston. Use brake caliper wind back tool.



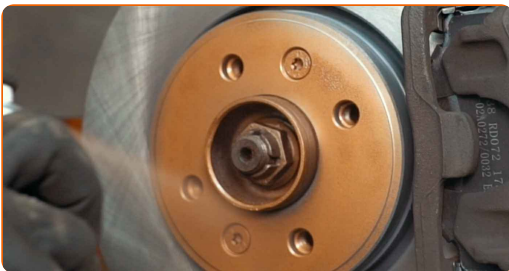
**16** Install the brake caliper and fix it.



**17** Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 72 Nm torque.



**18** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



19

Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54). After applying the spray, wait a few minutes.

20

Install the wheel.

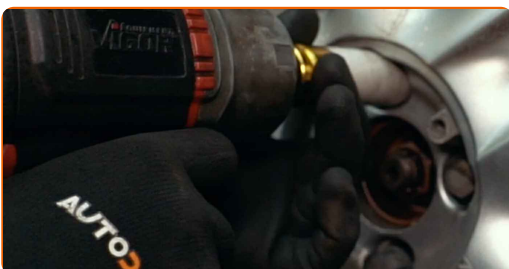


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT Safrane I phase 2 Hatchback (B54)

21

Screw in the wheel bolts. Use wheel impact socket #19.



- 22 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



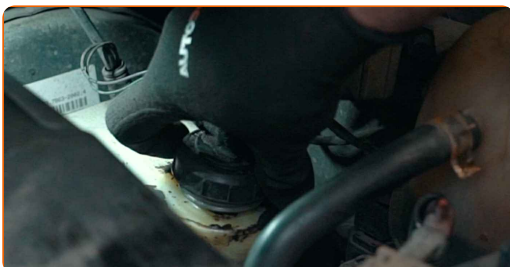
- 23 Remove the jacks and chocks.



Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54). Tip from AUTODOC:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

- 24 Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – RENAULT Safrane I phase 2 Hatchback (B54).  
AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement.  
Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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