



How to change front
brake discs on **RENAULT
Rapid Van (F40, G40)** –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

This replacement procedure can be used for:
 RENAULT Rapid Van (F40, G40) 1.4, RENAULT Rapid Van (F40, G40) 1.6 D, RENAULT Rapid Van (F40, G40) 1.2, RENAULT Rapid Van (F40, G40) 1.4 KAT, RENAULT Rapid Van (F40, G40) 1.9 D, RENAULT Rapid Van (F40, G40) 1.0

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 Clio II Hatchback (BB, CB) 1.2

REPLACEMENT: BRAKE DISCS – RENAULT RAPID VAN (F40, G40). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #17
- Drive socket # 18
- Torx bit T40
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Impact screwdriver
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – RENAULT Rapid Van (F40, G40). Tip:

- Replace the brake disks on the car RENAULT Rapid Van (F40, G40) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – RENAULT Rapid Van (F40, G40) – 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 front of the car and secure on supports.

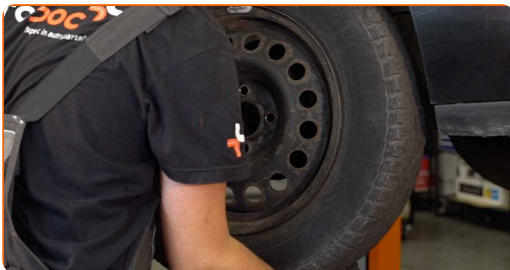
5 Unscrew the wheel bolts.



Replacement: brake discs – RENAULT Rapid Van (F40, G40). AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

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 #13. Use a combination spanner #17.



9

Spread the brake pads. Use a crowbar.



10

Remove the brake caliper.

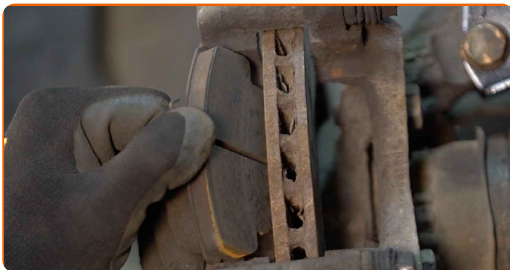


Replacement: brake discs – RENAULT Rapid Van (F40, G40). AUTODOC experts recommend:

- 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

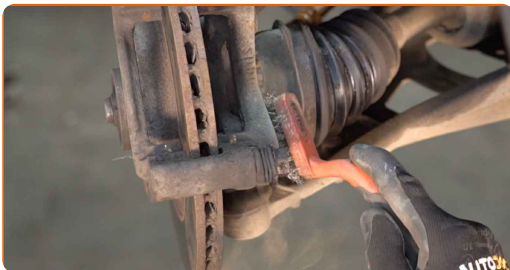
11

Remove the brake pads.

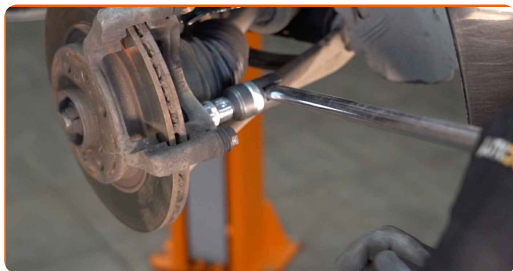


12

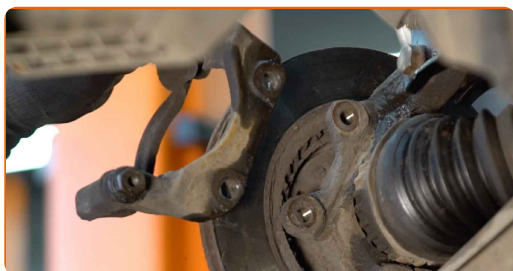
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



13 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench. Use a tap wrench.



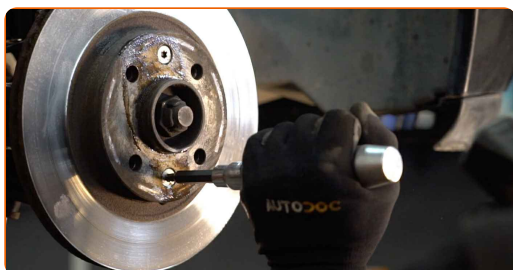
14 Remove the caliper bracket.



15 Clean the brake disk surface. Use a wire brush. Use WD-40 spray.



16 Unscrew the brake disc fastening. Use Torx T40. Use an impact screwdriver.



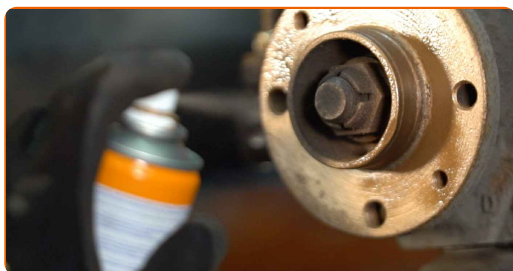
Replacement: brake discs – RENAULT Rapid Van (F40, G40). Tip from AUTODOC:

- If necessary, use a rubber mallet.

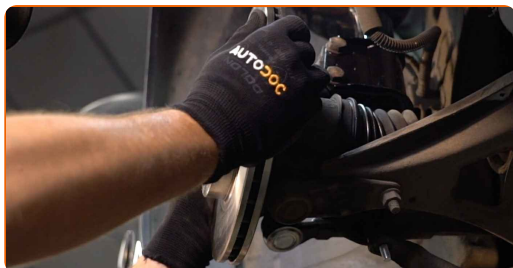
17 Remove the brake disc.



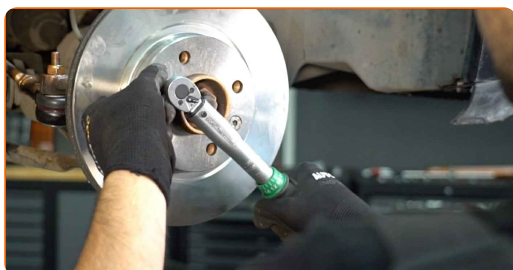
18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



19 Install the brake disc.



20 Tighten the brake disc fastening. Use Torx T40. Use a torque wrench. Tighten it to 15 Nm torque.



21

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



Replacement: brake discs – RENAULT Rapid Van (F40, G40). Professionals recommend:

- After applying the spray, wait a few minutes.

22

Install the brake caliper bracket.



23

Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.



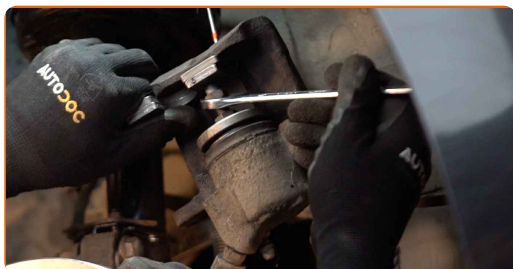
24 Treat the brake caliper piston. Use a brake cleaner.



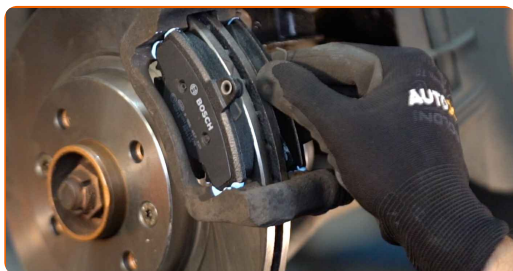
AUTODOC recommends:

- Replacement: brake discs – RENAULT Rapid Van (F40, G40). After applying the spray, wait a few minutes.

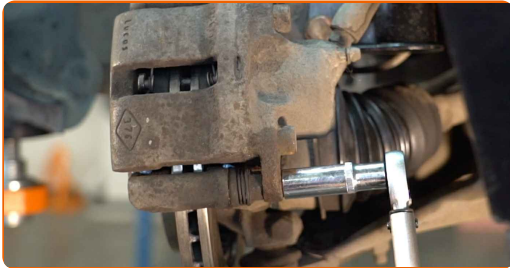
25 Press in the brake caliper piston. Use brake caliper wind back tool.



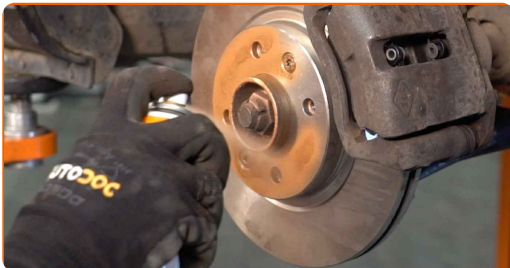
26 Install the brake pads.



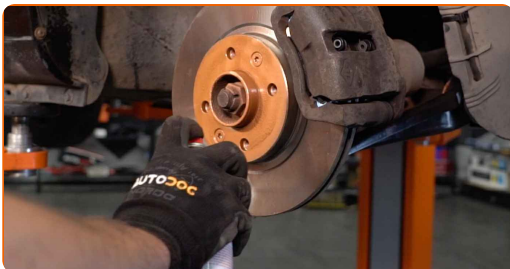
- 27 Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #17. Use a torque wrench. Tighten it to 35 Nm torque.



- 28 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



- 29 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – RENAULT Rapid Van (F40, G40). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

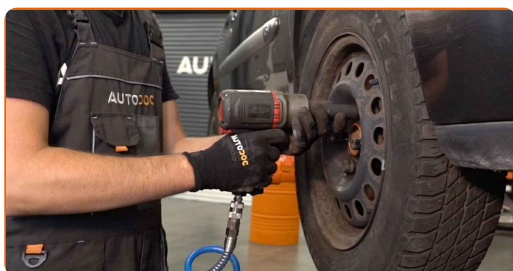
30 Install the wheel.



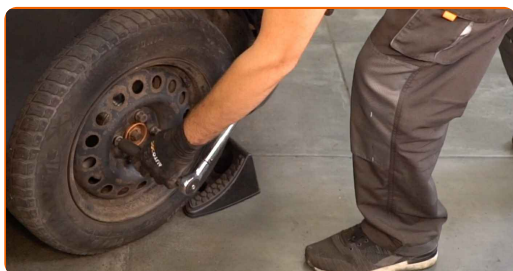
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT Rapid Van (F40, G40)

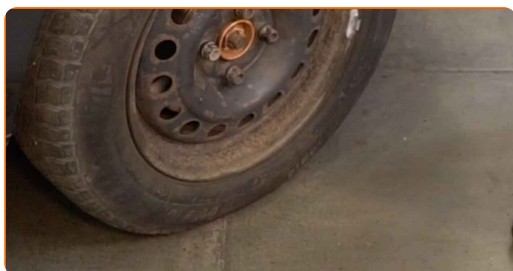
31 Screw in the wheel bolts. Use wheel impact socket #19.



32 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 90 Nm torque.



33 Remove the jacks and chocks.



Replacement: brake discs – RENAULT Rapid Van (F40, G40). Tip:

- Check the brake fluid level in the expansion tank and refill if necessary.

34

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- RENAULT Rapid Van (F40, G40) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35

Close the hood.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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