



How to change front  
brake discs on **RENAULT**  
**21 Estate** – 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 21 Estate 1.7 KAT, RENAULT 21 Estate 1.7, RENAULT 21 Estate 1.9 D

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 KANGOO (KC0/1\_) 1.2 16V

REPLACEMENT: BRAKE DISCS – RENAULT 21 ESTATE.  
TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torx bit T30
- Impact socket №18
- Wheel impact socket #19
- Tap wrench
- Ratchet wrench
- Torque wrench
- Impact screwdriver
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake discs – RENAULT 21 Estate. AUTODOC experts recommend:

- Replace the brake disks on the car RENAULT 21 Estate 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.
- All work should be done with the engine stopped.

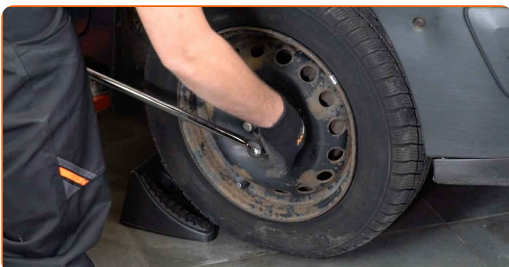
**REPLACEMENT: BRAKE DISCS – RENAULT 21 ESTATE. RECOMMENDED SEQUENCE OF STEPS:**

**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 21 Estate. Tip:

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

**6** Remove the wheel.



**7** Spread the brake pads. Use a crowbar.



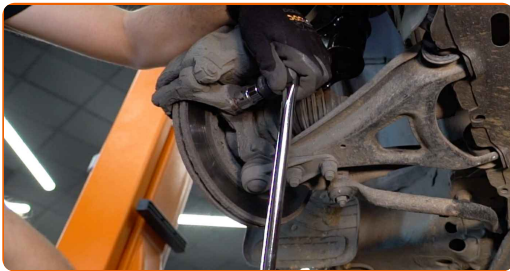
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Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use WD-40 spray.



9

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



10

Remove the brake caliper together with its bracket.



**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.

**11**

Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

**12**

Remove the brake disc.

**13**

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

**14**

Install the new brake disc on the hub and tighten the screws.





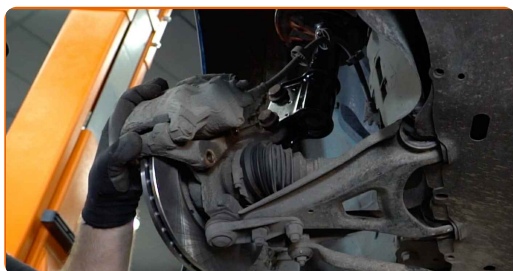
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Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 14 Nm torque.



16

Install the brake caliper together with its bracket.



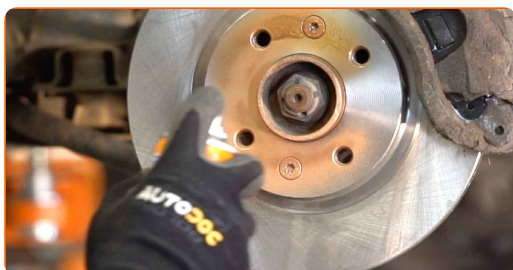
17

Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 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 discs – RENAULT 21 Estate. After applying the spray, wait a few minutes.

20

Install the wheel.



**Replacement: brake discs – RENAULT 21 Estate. AUTODOC experts recommend:**

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

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 a torque wrench. Tighten it to 110 nm torque.



- 23** Remove the jacks and chocks.



- 24** Tighten the brake fluid reservoir cap.



- 25** Close the hood.

**AUTODOC recommends:**

- RENAULT 21 Estate – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

**WELL DONE!** 

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