



How to change rear  
brake pads on **NISSAN**  
**Cube (Z12)** – 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:  
NISSAN Cube (Z12) 1.5 dCi, NISSAN Cube (Z12) 1.6 16V

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: NISSAN X-Trail (T30) 2.5 4x4

REPLACEMENT: BRAKE PADS – NISSAN CUBE (Z12).  
 TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Brake caliper guide pins grease
- Ceramic grease
- Torque wrench
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Brake caliper wind back tool
- Wheel chock

**Buy tools**

Replacement: brake pads – NISSAN Cube (Z12). Tip from AUTODOC experts:

- 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 – NISSAN Cube (Z12) – 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 #21.



**4** Raise the car.

Replacement: brake pads – NISSAN Cube (Z12). AUTODOC recommends:

- 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.  
NISSAN Cube (Z12)

6

Remove the wheel.



7

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



8

Unscrew the brake caliper fasteners. Use a drive socket #14. Use a ratchet wrench.



9

Remove the brake caliper guide pins.



10

Remove the brake caliper.



Replacement: brake pads – NISSAN Cube (Z12). Professionals 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.

11

Remove the brake pads.

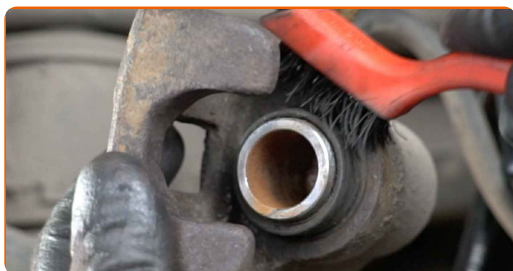


Replacement: brake pads – NISSAN Cube (Z12). AUTODOC experts recommend:

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

12

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



**AUTODOC recommends:**

- Replacement: brake pads – NISSAN Cube (Z12). After applying the spray, wait a few minutes.

13

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



14

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



**AUTODOC recommends:**

- After applying the spray, wait a few minutes.



- 15 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 – NISSAN Cube (Z12). Professionals recommend:

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

- 16 Install new brake pads.



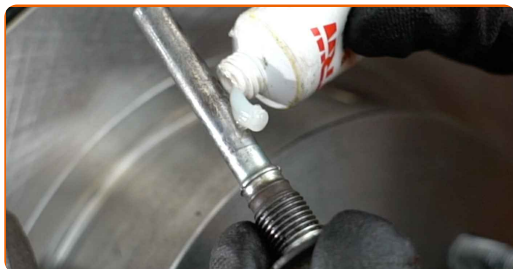
- 17 Clean the brake caliper guide pins. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

**18** Treat the brake caliper guide pins. Use the brake caliper guide pin grease.



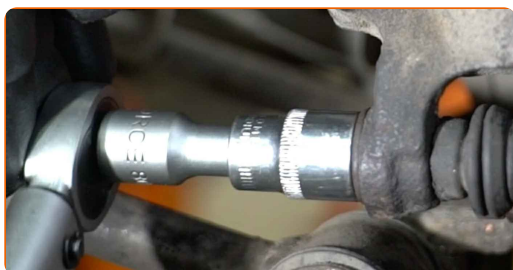
**19** Install the brake caliper and fix it.



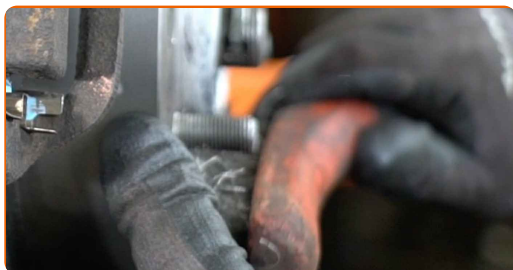
**20** Install the brake caliper guide pins.



**21** Tighten the brake caliper fasteners. Use a drive socket #14. Use a torque wrench. Tighten it to 32 Nm torque.



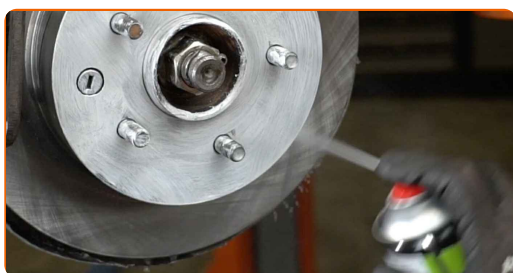
**22** Clean the wheel rim mounting seat. Use a wire brush.



**23** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



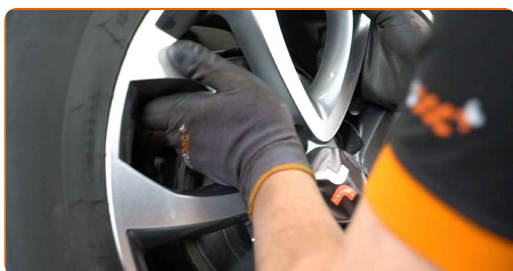
**24** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – NISSAN Cube (Z12). After applying the spray, wait a few minutes.

**25** Install the wheel.



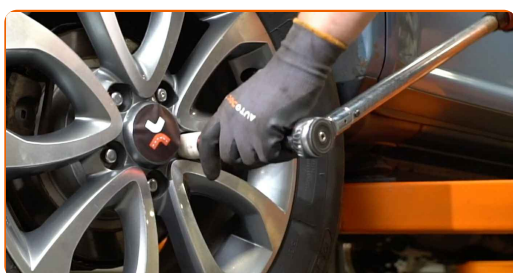
**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. NISSAN Cube (Z12)

**26** Screw in the wheel bolts. Use wheel impact socket #21.



**27** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 118 Nm torque.



**28** Remove the jacks and chocks.



Replacement: brake pads – NISSAN Cube (Z12). AUTODOC experts recommend:

- 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.

29

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – NISSAN Cube (Z12). Tip from AUTODOC:

- 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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