# **+** AUTODOC CLUB

How to change rear brake pads on NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) – 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:

NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) 1.6 CVTC, NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) 2.0, NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) 2.0 All-wheel Drive, NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) 1.5 dCi, NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) 1.6 dCi, NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E) 1.6 dCi All-wheel Drive

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)  $2.5\,4x4$ 

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# REPLACEMENT: BRAKE PADS – NISSAN QASHQAI / QASHQAI+2 I VAN (J10, JJ10E). 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** 

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## Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E). 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 Qashqai / Qashqai+2 I Van (J10, JJ10E) – should be done with the engine switched off.

### CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

Open the bonnet. Unscrew the brake fluid reservoir cap.



- 2 Secure the wheels with chocks.
- Loosen the wheel mounting bolts. Use wheel impact socket #21.



A Raise the car.

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### Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E). 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.

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Unscrew the wheel bolts.



### **AUTODOC** recommends:

Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
 NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E)

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Remove the wheel.



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



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.



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### Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E). 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.

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Remove the brake pads.



Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E).

AUTODOC experts recommend:

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

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



### **AUTODOC** recommends:

- Replacement: brake pads NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E).
   After applying the spray, wait a few minutes.
- Press in the brake caliper piston. Use brake caliper wind back tool.



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



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### AUTODOC recommends:

• After applying the spray, wait a few minutes.

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Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use antisqueal paste.



Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E). Professionals recommend:

- Make sure the disc surface is clean before installing the pads.
- 16 Install new brake pads.



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



#### **AUTODOC** recommends:

• After applying the spray, wait a few minutes.

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



19 Install the brake caliper and fix it.



Install the brake caliper guide pins.

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



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



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



Clean the brake disk surface. Use a brake cleaner.



#### **AUTODOC** recommends:

Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E).
 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 Qashqai / Qashqai+2 I Van (J10, JJ10E)

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



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.



Remove the jacks and chocks.



Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E).

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.

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Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake pads – NISSAN Qashqai / Qashqai+2 I Van (J10, JJ10E). Tip from AUTODOC:

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





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