



How to change front  
brake pads on **RENAULT  
MODUS / GRAND  
MODUS (F/JP0\_)** –  
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 MODUS / GRAND MODUS (F/JP0\_) 1.5 dCi 75, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.5 dCi 90, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.2, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.6, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.5 dCi, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.4, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.2 16V, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.2 16V Hi-Flex, RENAULT MODUS / GRAND MODUS (F/JP0\_) 1.2 GPL (JP0R)

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 MICRA III (K12) 1.4 16V

**REPLACEMENT: BRAKE PADS – RENAULT MODUS / GRAND MODUS (F/JP0\_). LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Drive socket # 17
- Torx bit T40
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Brake caliper wind back tool
- Phillips screwdriver
- Crow bar
- Impact screwdriver
- Hammer
- Wheel chock

**Buy tools**

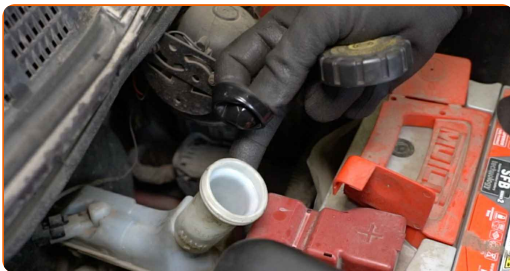
Replacement: brake pads – RENAULT MODUS / GRAND MODUS (F/JP0\_).  
Professionals recommend:

- 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.
- All work should be done with the engine stopped.

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

**1** Open the bonnet.

**2** Unscrew the brake fluid reservoir cap.



**3** Secure the wheels with chocks.

**4** Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



**5** Raise the car.

**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.

**6**

Unscrew the wheel bolts.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
RENAULT MODUS / GRAND MODUS (F/JP0\_)

**7**

Remove the wheel.



**8**

Spread the brake pads. Use a crowbar.



9

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



10

Unscrew the brake caliper fasteners. Use a combination spanner #13. Use a combination spanner #15.

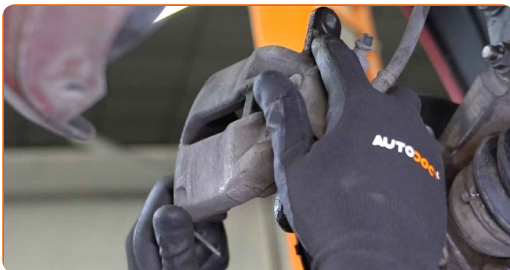


11

Remove the fastening bolts.

12

Remove the brake caliper.

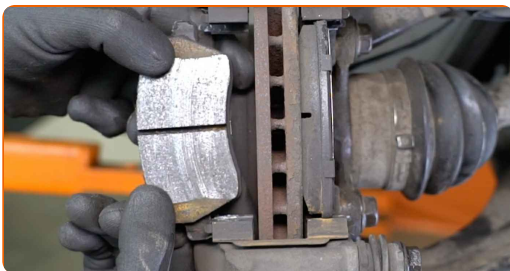


**AUTODOC recommends:**

- 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.

**13**

Remove the brake pads.

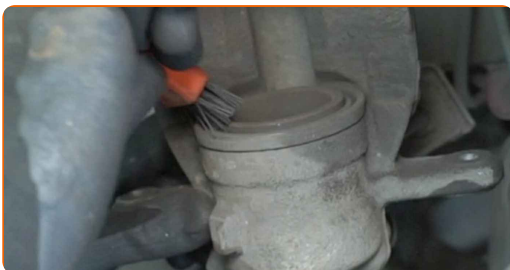


**AUTODOC recommends:**

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

**14**

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



**15**

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



**16**

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

Replacement: brake pads – RENAULT MODUS / GRAND MODUS (F/JP0\_). Tip:

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

**17**

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 MODUS / GRAND MODUS (F/JP0\_). Tip from AUTODOC experts:

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



**18** Install new brake pads.



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



**20** Install the fastening bolts.



**21** Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



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



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

**24** Install the wheel.



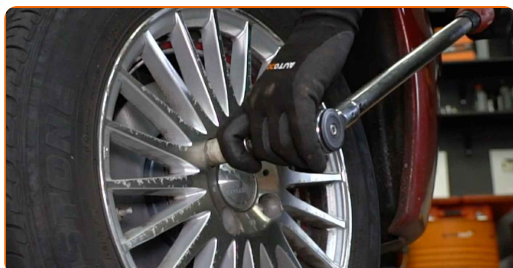
**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. RENAULT MODUS / GRAND MODUS (F/JPO\_)

**25** Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



**26** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



27

Remove the jacks and chocks.



Replacement: brake pads – RENAULT MODUS / GRAND MODUS (F/JP0\_).  
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 top up if necessary.

28

Tighten the brake fluid reservoir cap.



29

Close the bonnet.

**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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