



How to change front  
brake pads on **DACIA**  
**LOGAN EXPRESS (FS\_)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **Important!**

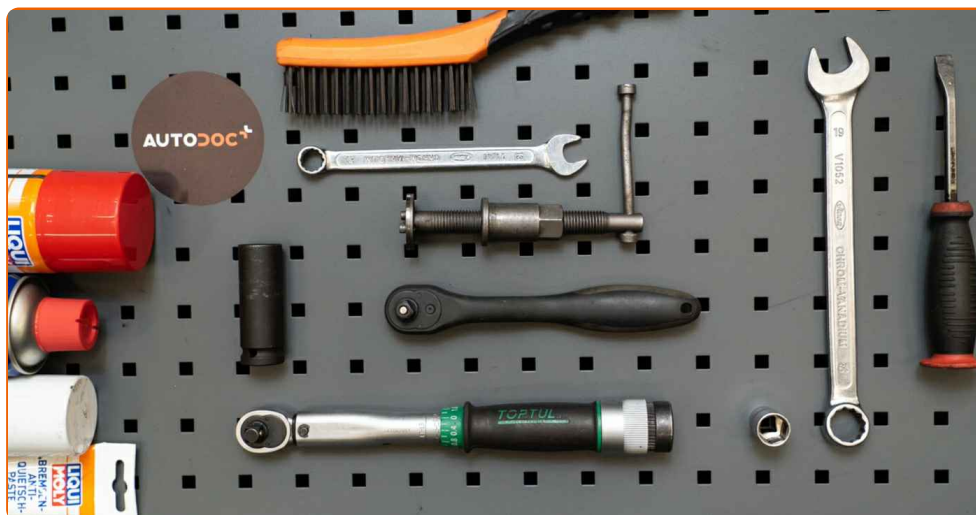
This replacement procedure can be used for:

DACIA LOGAN EXPRESS (FS\_) 1.5 dCi, DACIA LOGAN EXPRESS (FS\_) 1.6 MPI 85, DACIA LOGAN EXPRESS (FS\_) 1.4, DACIA LOGAN EXPRESS (FS\_) 1.6, DACIA LOGAN EXPRESS (FS\_) 1.6 LPG

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 III Hatchback (BR0/1, CR0/1) 1.5 dCi

REPLACEMENT: BRAKE PADS – DACIA LOGAN EXPRESS (FS\_). TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #19
- Drive socket # 13
- Wheel impact socket #17
- Brake caliper wind back tool
- Crow bar
- Fender cover
- Wheel chock

**Buy tools**

Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). AUTODOC recommends:

- 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 – DACIA LOGAN EXPRESS (FS\_) – should be done with the engine switched off.

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

**1** Open the bonnet.

**2** Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

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



**4** Secure the wheels with chocks.

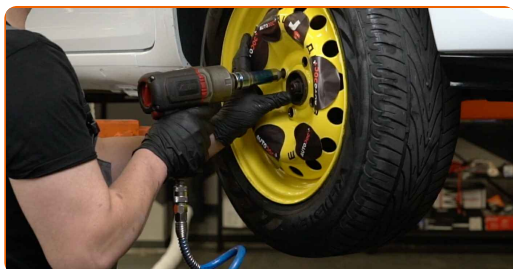


**5** Loosen the wheel mounting bolts. Use wheel impact socket #17.



**6** Raise the front of the car and secure on supports.

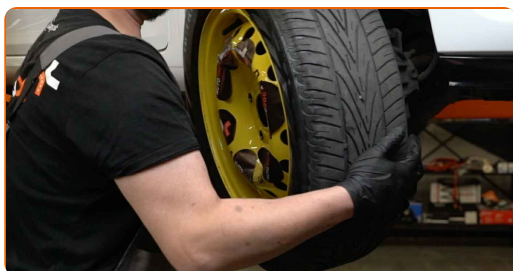
**7** Unscrew the wheel bolts.



**Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). Tip:**

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

**8** Remove the wheel.



9

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



10

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #19.



11

Spread the brake pads. Use a crowbar.



12

Remove the brake caliper.

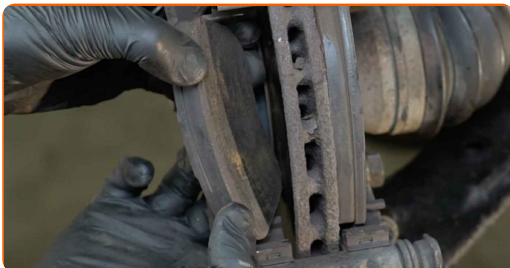


Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). Tip from AUTODOC experts:

- 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.

13

Remove the brake pads.



Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). AUTODOC recommends:

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

**14**

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



**AUTODOC recommends:**

- Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). After applying the spray, wait a few minutes.

**15**

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



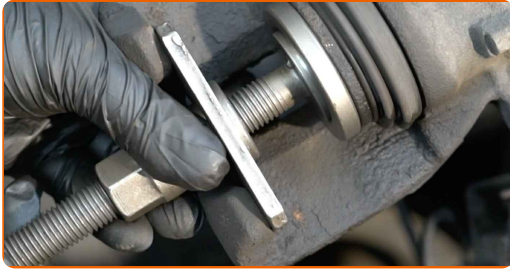
**Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). Tip from AUTODOC experts:**

- After applying the spray, wait a few minutes.



**16**

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



**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 – DACIA LOGAN EXPRESS (FS\_). Tip from AUTODOC:**

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

**18**

Install new brake pads.



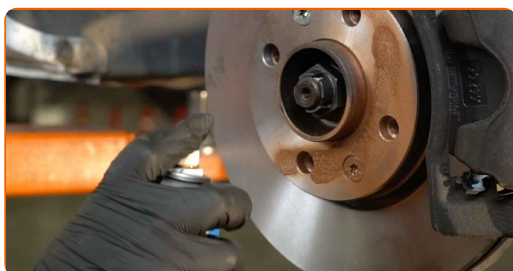
**AUTODOC recommends:**

- Make sure the pads are installed with linings facing the disc.

- 19** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 32 Nm torque.



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



- 21** Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). AUTODOC recommends:

- After applying the spray, wait a few minutes.

**22** Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. DACIA LOGAN EXPRESS (FS\_)

**23** Screw in the wheel bolts. Use wheel impact socket #17.



**24** 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 105 Nm torque.

**25** Remove the jacks and chocks.



Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). Tip from AUTODOC experts:

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

26

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- DACIA LOGAN EXPRESS (FS\_) – Without starting the engine, press the brake pedal several times until it feels firm.

27

Remove the fender protection cover.

28

Close the hood.

Replacement: brake pads – DACIA LOGAN EXPRESS (FS\_). Professionals recommend:

- 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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