



How to change front
brake discs on **RENAULT**
Logan Express (US_) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

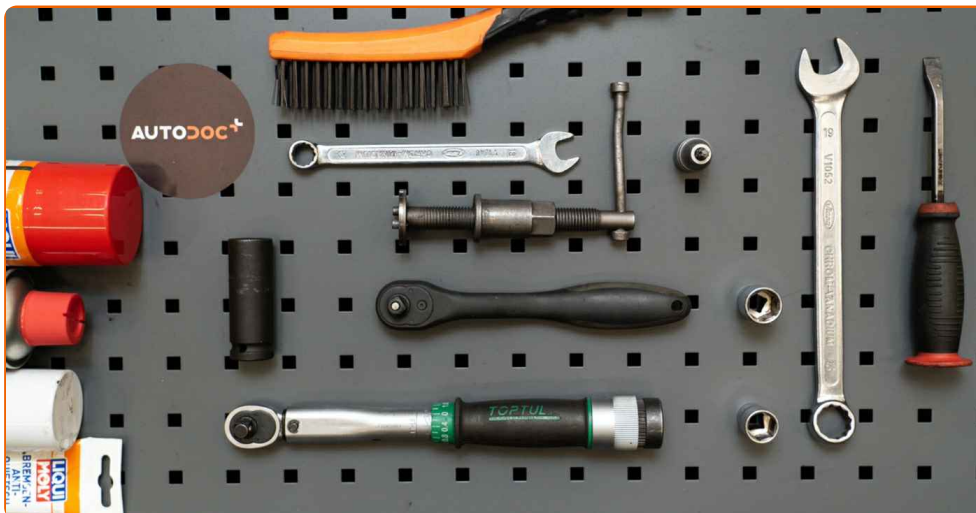
This replacement procedure can be used for:

RENAULT Logan Express (US_) 1.6, RENAULT Logan Express (US_) 1.5 dCi

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 DISCS – RENAULT LOGAN EXPRESS (US_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Torx bit T30
- Combination spanner #13
- Combination spanner #19
- Drive socket # 13
- Drive socket # 18
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Crow bar
- Fender cover
- Wheel chock

Buy tools

Replacement: brake discs – RENAULT Logan Express (US_). AUTODOC experts recommend:

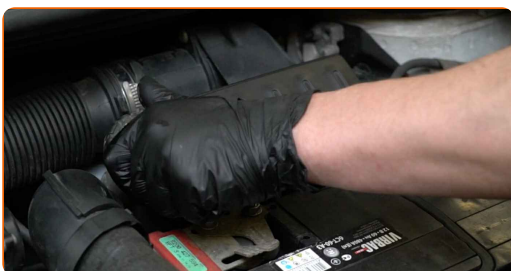
- Replace the brake disks on the car RENAULT Logan Express (US_) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – RENAULT LOGAN EXPRESS (US_). RECOMMENDED SEQUENCE OF STEPS:

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.

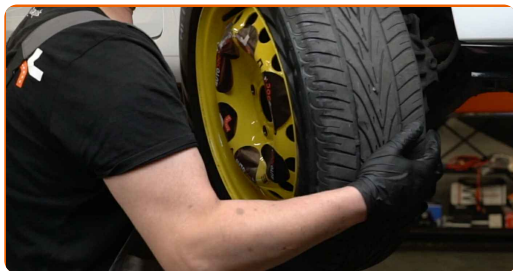
7 Unscrew the wheel bolts.



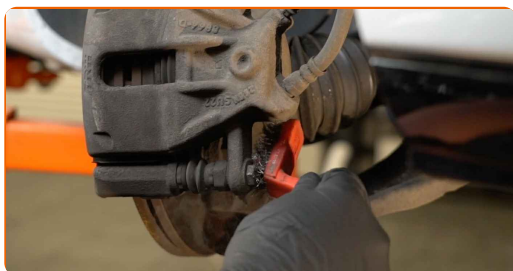
Replacement: brake discs – RENAULT Logan Express (US_). Tip:

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

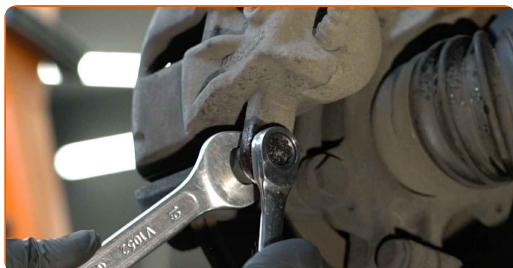
8 Remove the wheel.



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



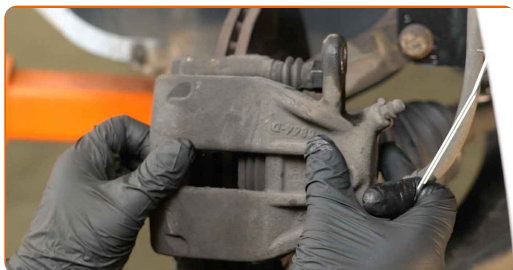
10 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #19.



11 Spread the brake pads. Use a crowbar.



12 Remove the brake caliper.

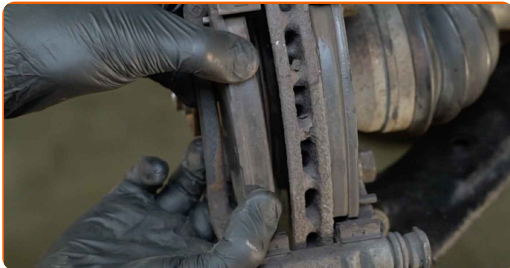


Replacement: brake discs – RENAULT Logan Express (US_). AUTODOC experts recommend:

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

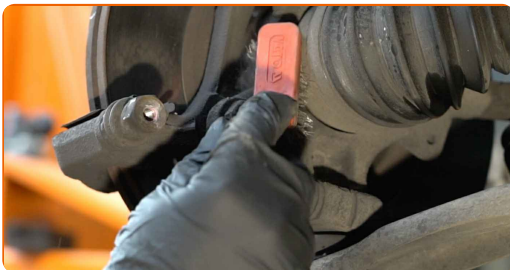
13

Remove the brake pads.



14

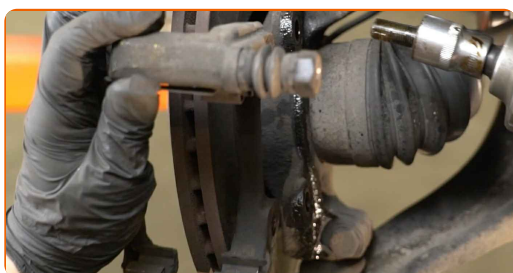
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



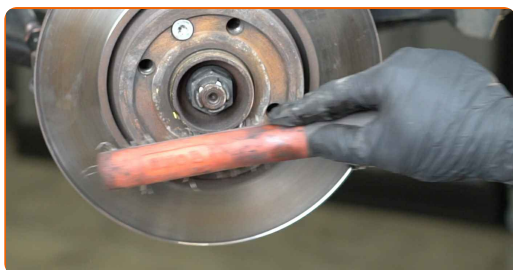
15 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench.



16 Remove the caliper bracket.



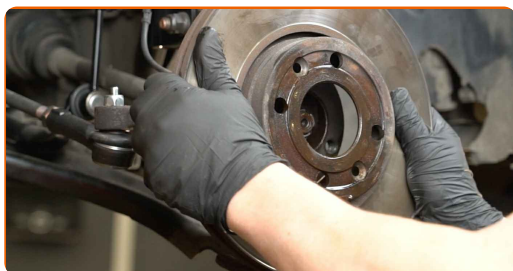
17 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



18 Unscrew the brake disc fastening. Use Torx T30. Use a ratchet wrench.



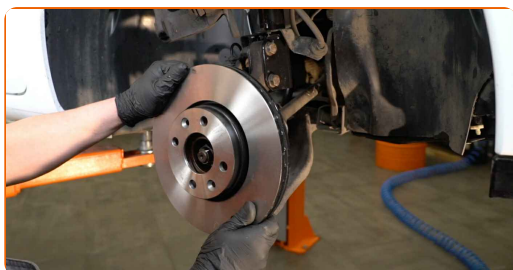
19 Remove the brake disc.



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



21 Install the brake disc.



22 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.



23

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



AUTODOC recommends:

- Replacement: brake discs – RENAULT Logan Express (US_). After applying the spray, wait a few minutes.

24

Install the brake caliper bracket.



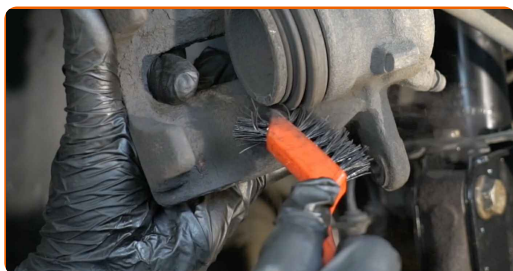
25

Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 105 Nm torque.



26

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

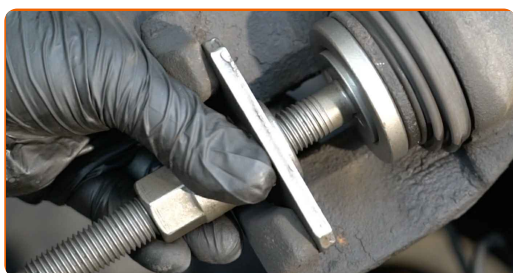


Replacement: brake discs – RENAULT Logan Express (US_). Tip:

- After applying the spray, wait a few minutes.

27

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



28

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

29

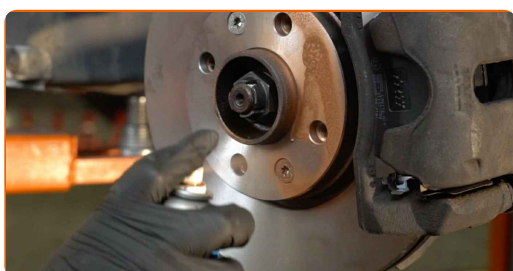
Install the brake pads.



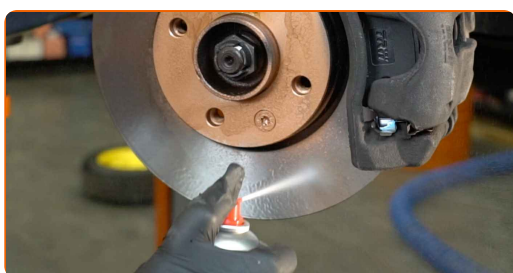
- 30** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #19. Use a drive socket #13. Use a torque wrench. Tighten it to 32 Nm torque.



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



- 32** Clean the brake disc surface. Use a brake cleaner.



Replacement: brake discs – RENAULT Logan Express (US_). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

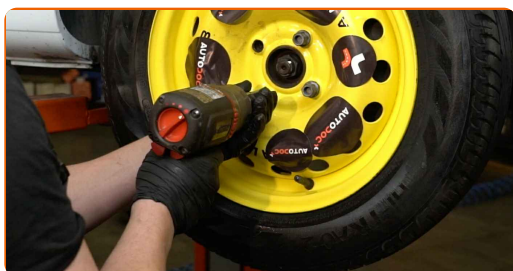
33 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. RENAULT Logan Express (US_)

34 Screw in the wheel bolts. Use wheel impact socket #17.



35 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.

36 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – RENAULT Logan Express (US_). Check the brake fluid level in the reservoir and top up if necessary.

37

Tighten the brake fluid reservoir cap.



38

Remove the fender protection cover.

39

Close the hood.

Replacement: brake discs – RENAULT Logan Express (US_). Tip from AUTODOC:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE DISCS: A WIDE SELECTION

(i) DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.