



How to change front
brake discs on **RENAULT**
Koleos II (HC_) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

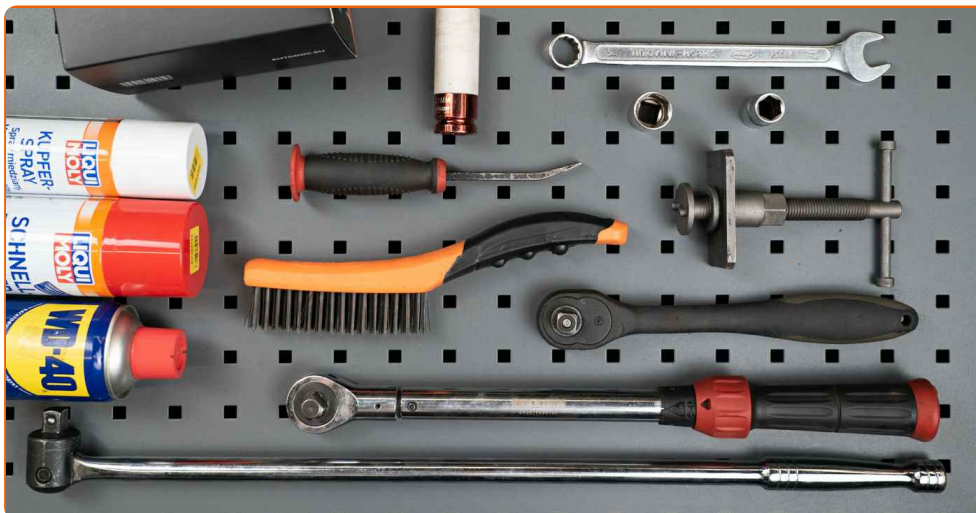
This replacement procedure can be used for:

RENAULT Koleos II (HC_) 1.6 dCi 130, RENAULT Koleos II (HC_) 2.0 dCi 175 4WD, RENAULT Koleos II (HC_) 2.5 Sce, RENAULT Koleos II (HC_) 2.5 Sce 4WD, RENAULT Koleos II (HC_) 2.0 TCe, RENAULT Koleos II (HC_) 1.3 TCe 160

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 LEAF Electric

REPLACEMENT: BRAKE DISCS – RENAULT KOLEOS II (HC_). TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Drive socket # 14
- Drive socket # 19
- Wheel impact socket #21
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – RENAULT Koleos II (HC_). AUTODOC experts recommend:

- Replace the brake discs on the car RENAULT Koleos II (HC_) 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.
- Please note: all work on the car – RENAULT Koleos II (HC_) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

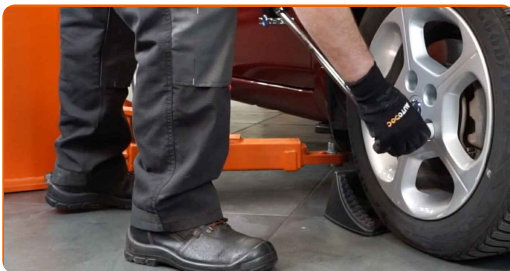
Open the bonnet. Unscrew the brake fluid reservoir cap.

2

Secure the wheels with chocks.

3

Loosen the wheel mounting bolts. Use wheel impact socket #21.



4

Raise the front of the car and secure on supports.

5

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. RENAULT Koleos II (HC_)

6

Remove the wheel.



7

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



8

Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #14. Use a ratchet wrench.



9

Remove the brake caliper.



Replacement: brake discs – RENAULT Koleos II (HC_). Professionals recommend:

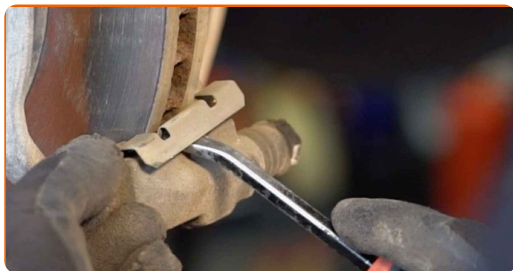
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

10

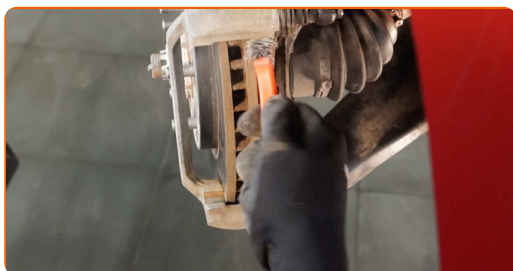
Remove the brake pads.



11 Remove the retaining springs of the brake pads. Use a crowbar.



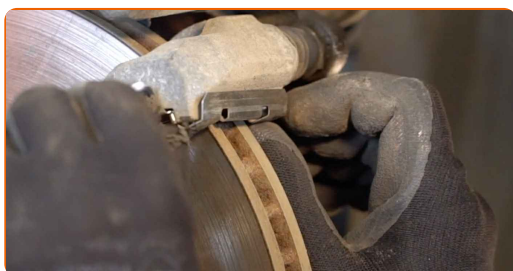
12 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – RENAULT Koleos II (HC_). After applying the spray, wait a few minutes.

13 Install the retaining springs of the brake pads.



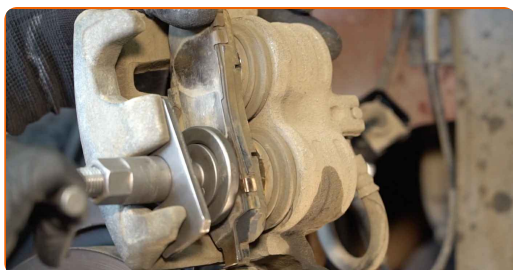
14 Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – RENAULT Koleos II (HC_). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

15

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



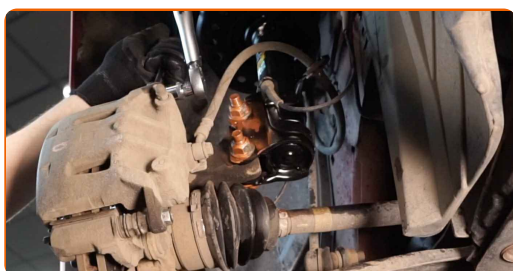
16

Install the brake pads.



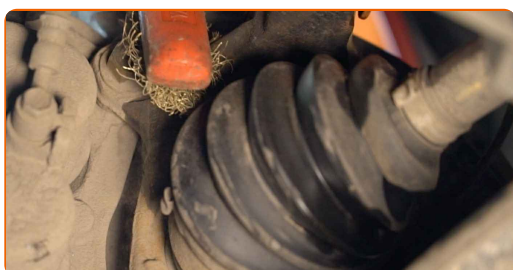
17

Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 26 Nm torque.



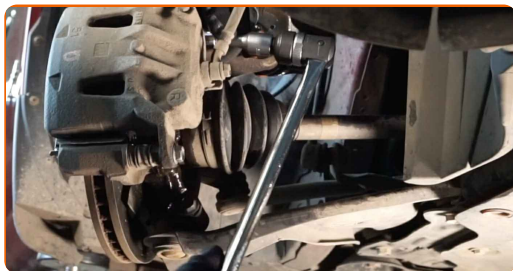
18

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



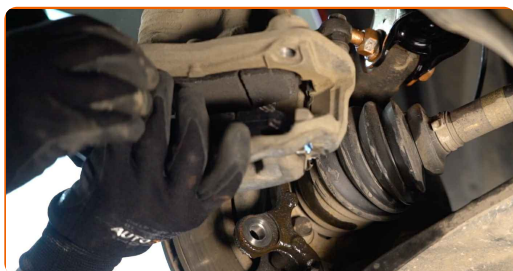
19

Unscrew the caliper bracket fastening. Use a drive socket #19. Use a ratchet wrench. Use a tap wrench.



20

Remove the brake caliper together with its bracket.

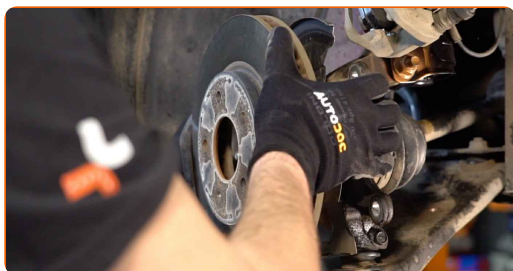


Replacement: brake discs – RENAULT Koleos II (HC_). AUTODOC experts recommend:

- 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.

21

Remove the brake disc.



22

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



23

Install the brake disc.



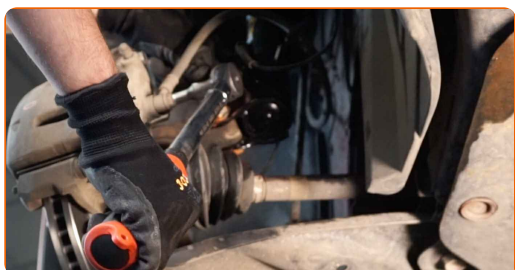
24

Install the brake caliper together with its bracket.



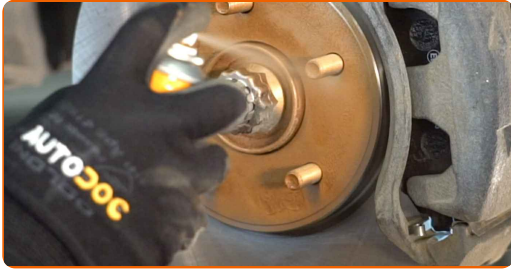
25

Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 165 Nm torque.



26

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



27

Clean the brake disk surface. Use a brake cleaner.

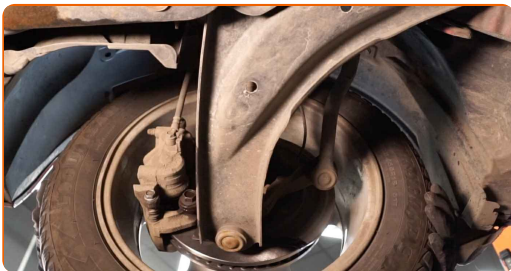


AUTODOC recommends:

- Replacement: brake discs – RENAULT Koleos II (HC_). After applying the spray, wait a few minutes.

28

Install the wheel.



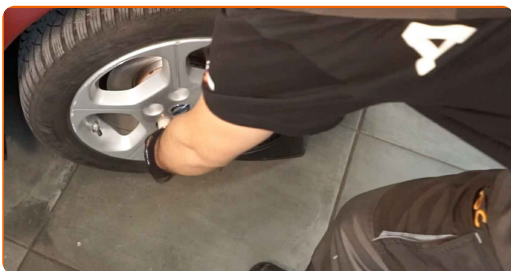
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT Koleos II (HC_)

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



30 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 108 Nm torque.



31 Remove the jacks and chocks.



Replacement: brake discs – RENAULT Koleos II (HC_). Tip:

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

32 Tighten the brake fluid reservoir cap.



Replacement: brake discs – RENAULT Koleos II (HC_). AUTODOC recommends:

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

33

Close the hood.

WELL DONE! 

[VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE DISCS: A WIDE SELECTION

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 2023 – 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 SE.