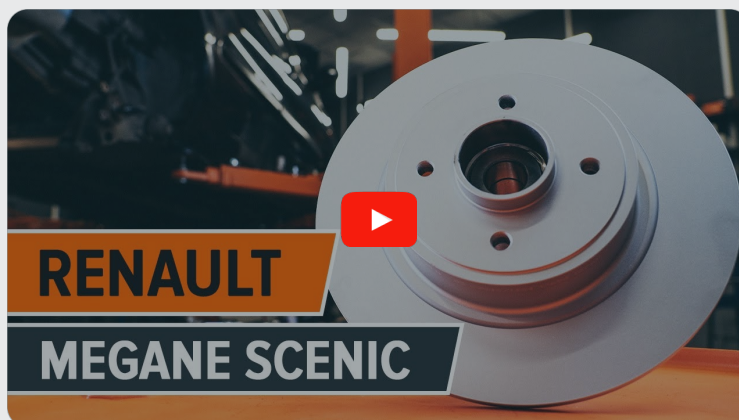




How to change rear
brake discs on **RENAULT**
Megane I Grandtour
(KA) – replacement guide

SIMILAR VIDEO TUTORIAL



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

ⓘ Important!

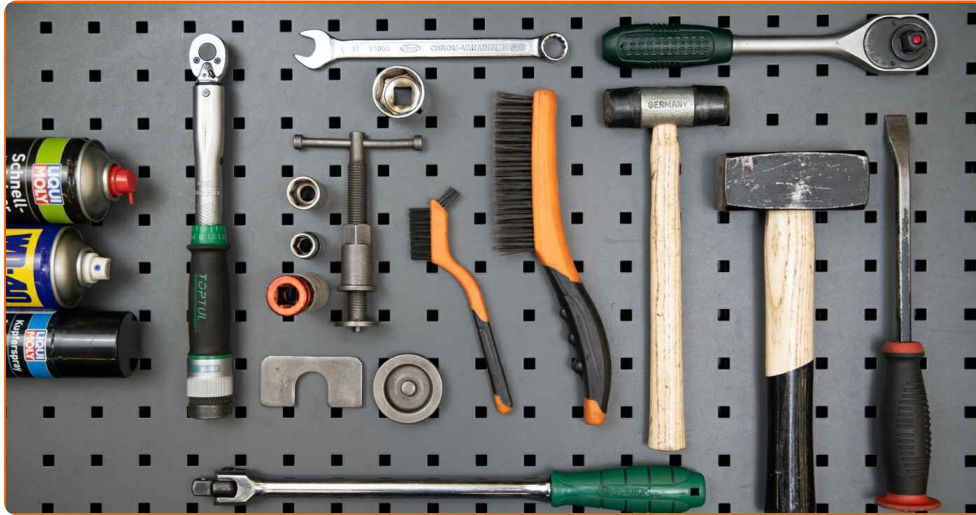
This replacement procedure can be used for:

RENAULT Megane I Grandtour (KA) 1.9 dTi, RENAULT Megane I Grandtour (KA) 1.4 16V, RENAULT Megane I Grandtour (KA) 1.6 16V, RENAULT Megane I Grandtour (KA) 1.9 dCi, RENAULT Megane I Grandtour (KA) 1.8 16V, RENAULT Megane I Grandtour (KA) 1.6 Bifuel

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 Megane Scenic (JA) 1.6 16V

REPLACEMENT: BRAKE DISCS – RENAULT MEGANE I GRANDTOUR (KA). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #15
- Drive socket # 13
- Drive socket # 18
- Drive socket # 30
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Hammer
- Rubber mallet
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

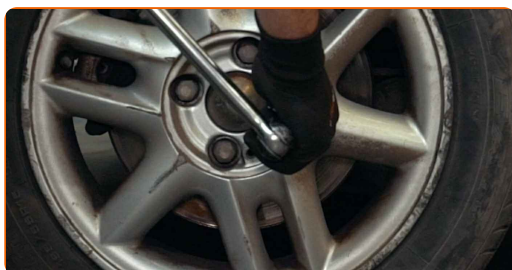
- Replace the brake disks on the car RENAULT Megane I Grandtour (KA) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – RENAULT Megane I Grandtour (KA) – 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 #19.



4 Raise the car.

Replacement: brake discs – RENAULT Megane I Grandtour (KA). AUTODOC experts recommend:

- 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.

5

Unscrew the wheel bolts.

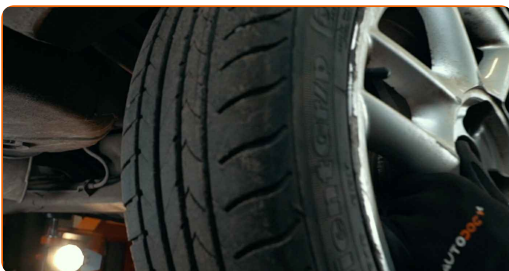


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
RENAULT Megane I Grandtour (KA)

6

Remove the wheel.



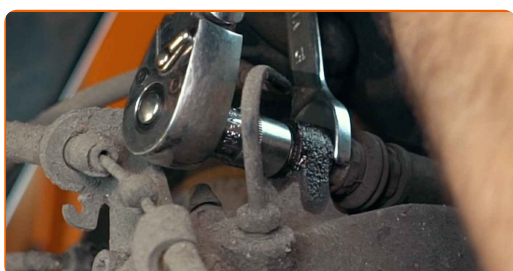
7

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



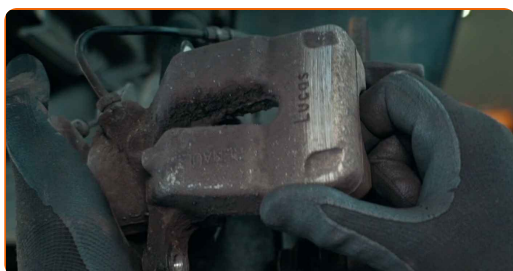
8

Unscrew the brake caliper fastening. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



9

Remove the brake caliper.

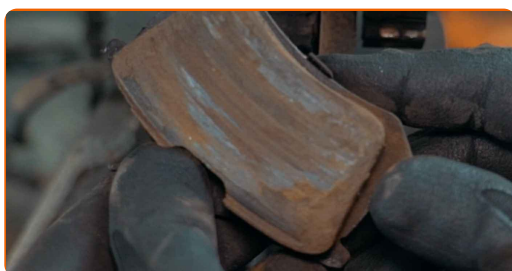


Replacement: brake discs – RENAULT Megane I Grandtour (KA). Tip from AUTODOC:

- 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.

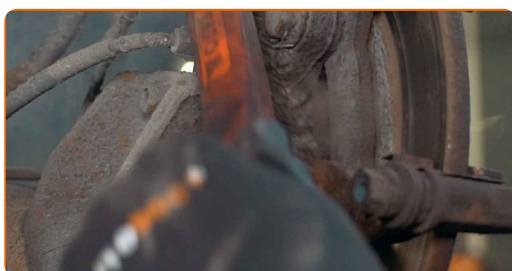
10

Remove the brake pads. Use a crowbar.



11

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



12

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



13

Remove the caliper bracket.



14

Remove the hub bearing cap. Use a crowbar. Use a hammer.



15

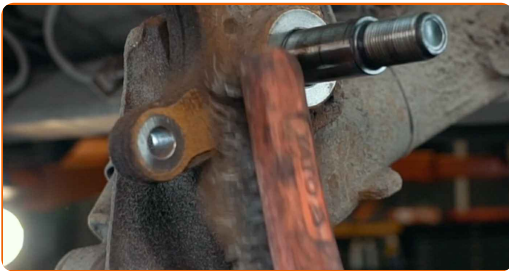
Unscrew the hub nut. Use a drive socket #30. Use a tap wrench.



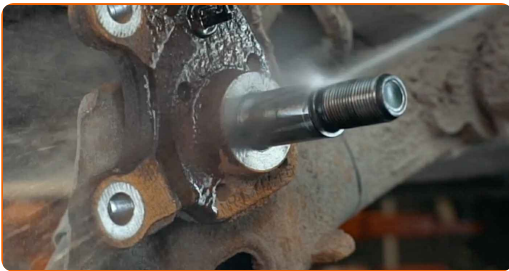
16 Remove the brake disc assembled with the wheel hub bearing.



17 Clean the stub axle. Use a wire brush. Use all-purpose cleaning spray.



18 Treat the stub axle. Use WD-40 spray.



19 Install the brake disc assembled with the wheel hub bearing.



20 Tighten the wheel bearing nut. Use a drive socket #30. Use a torque wrench. Tighten it to 175 Nm torque.



21 Install the hub bearing cap. Use a rubber mallet.



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



AUTODOC recommends:

- Replacement: brake discs – RENAULT Megane I Grandtour (KA). After applying the spray, wait a few minutes.

23 Install the brake caliper bracket.



24 Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 75 Nm torque.



25

Install the brake pads.



26

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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

27

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



28

Install the brake caliper and fix it.



- 29 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 55 Nm torque.



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



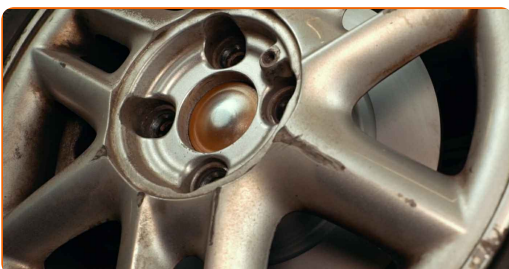
- 31 Clean the brake disc surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – RENAULT Megane I Grandtour (KA). After applying the spray, wait a few minutes.

- 32 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. RENAULT Megane I Grandtour (KA)

33

Screw in the wheel bolts. Use wheel impact socket #19.



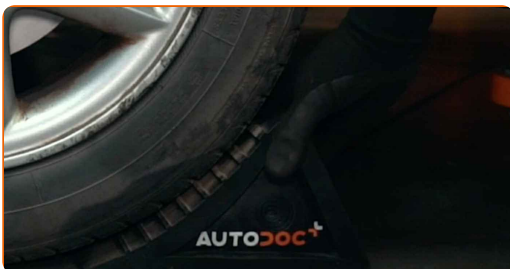
34

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



35

Remove the jacks and chocks.



Replacement: brake discs – RENAULT Megane I Grandtour (KA). Professionals 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.

36

Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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