



How to change front
brake discs on **RENAULT**
MEGANE I Grandtour
(KA0/1_) – 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 (KA0/1_) 1.9 dTi, RENAULT MEGANE I Grandtour (KA0/1_) 1.6 16V, RENAULT MEGANE I Grandtour (KA0/1_) 1.9 dCi, RENAULT MEGANE I Grandtour (KA0/1_) 1.8 16V, RENAULT MEGANE I Grandtour (KA0/1_) 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 (JA0/1_) 1.6 16V

REPLACEMENT: BRAKE DISCS – RENAULT MEGANE I GRANDTOUR (KA0/1_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # 13
- Drive socket # 18
- Wheel impact socket #19
- Torx bit T40
- Ratchet wrench
- Crow bar
- Brake caliper wind back tool
- Wheel chock

Buy tools

AUTODOC recommends:

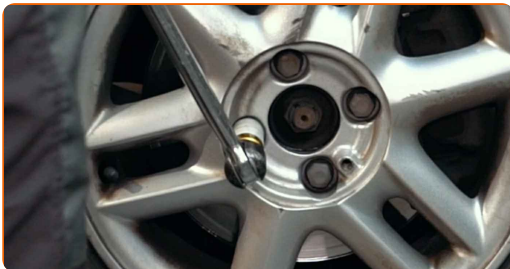
- Replace the brake disks on the car RENAULT MEGANE I Grandtour (KA0/1_) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – RENAULT MEGANE I Grandtour (KA0/1_) – 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 (KA0/1_).
Professionals 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 (KA0/1_)

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 #13. Use a ratchet wrench.



9 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.

10 Remove the brake pads. Use a crowbar.



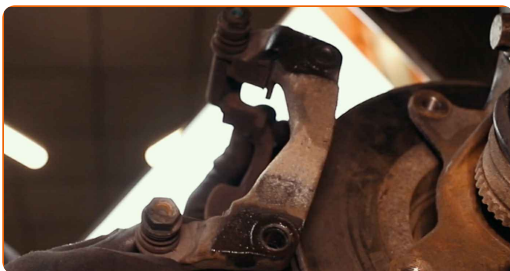
11 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



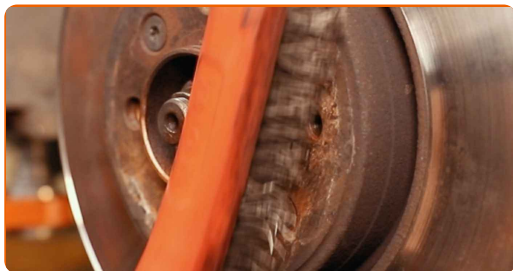
12 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.



13 Remove the caliper bracket.



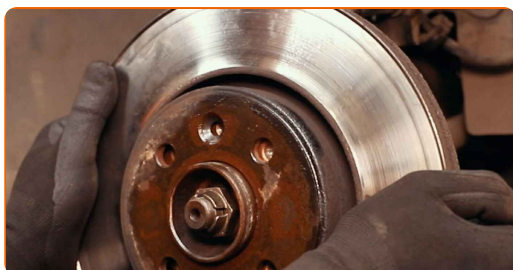
14 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



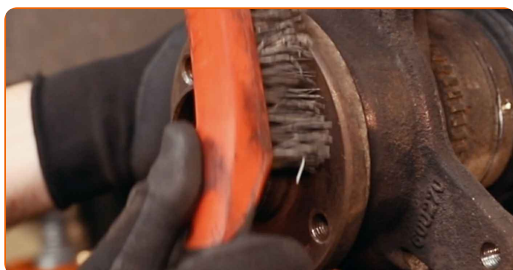
15 Unscrew the brake disc fastening. Use Torx T40. Use a ratchet wrench.



16 Remove the brake disc.



17 Clean the hub. Use a wire brush.



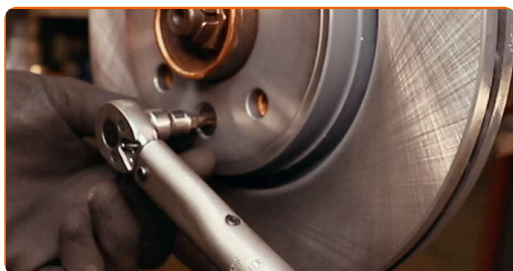
18 Treat the contacting surface. Use copper grease.



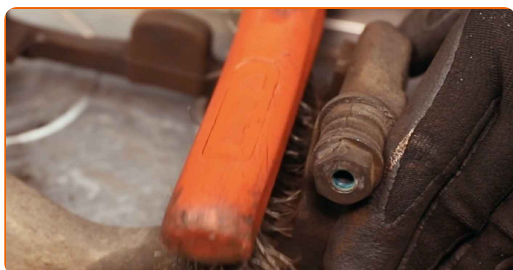
19 Install the brake disc.



20 Tighten the brake disc fastening. Use Torx T40. Use a torque wrench. Tighten it to 14 Nm torque.



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



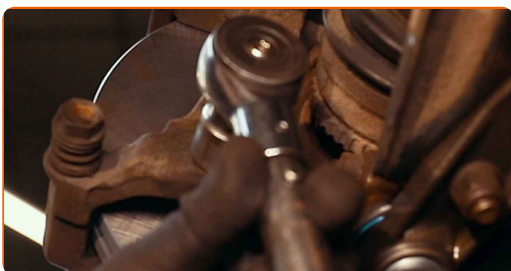
AUTODOC recommends:

- Replacement: brake discs – RENAULT MEGANE I Grandtour (KA0/1_). After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

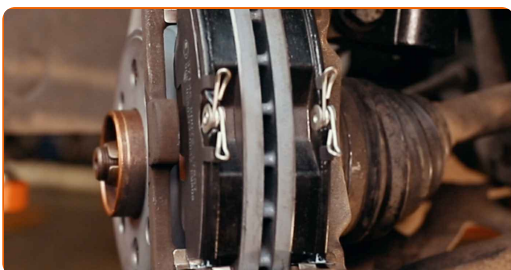
22 Install the brake caliper bracket.



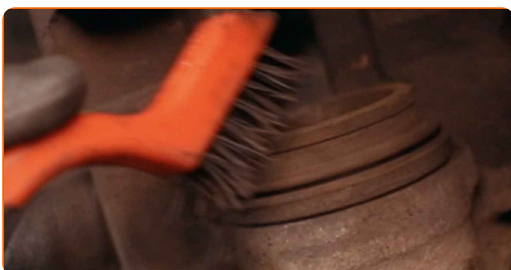
23 Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.



24 Install the brake pads.



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



AUTODOC recommends:

- After applying the spray, wait a few minutes.

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



27 Install the brake caliper and fix it.



28 Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #13. Use a torque wrench. Tighten it to 32 Nm torque.



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



30

Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – RENAULT MEGANE I Grandtour (KA0/1_). After applying the spray, wait a few minutes.

31

Install the wheel.

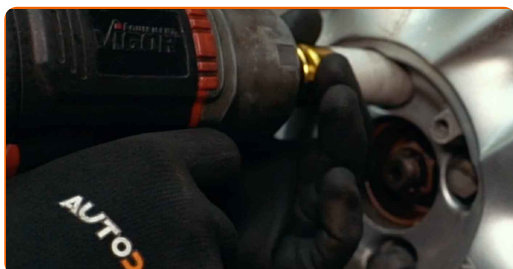


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT MEGANE I Grandtour (KA0/1_)

32

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



33

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.



34

Remove the jacks and chocks.



**Replacement: brake discs – RENAULT MEGANE I Grandtour (KA0/1_).
AUTODOC recommends:**

- 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.

35

Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE! 

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