



How to change front
brake discs on **RENAULT**
Master II
Platform/Chassis –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

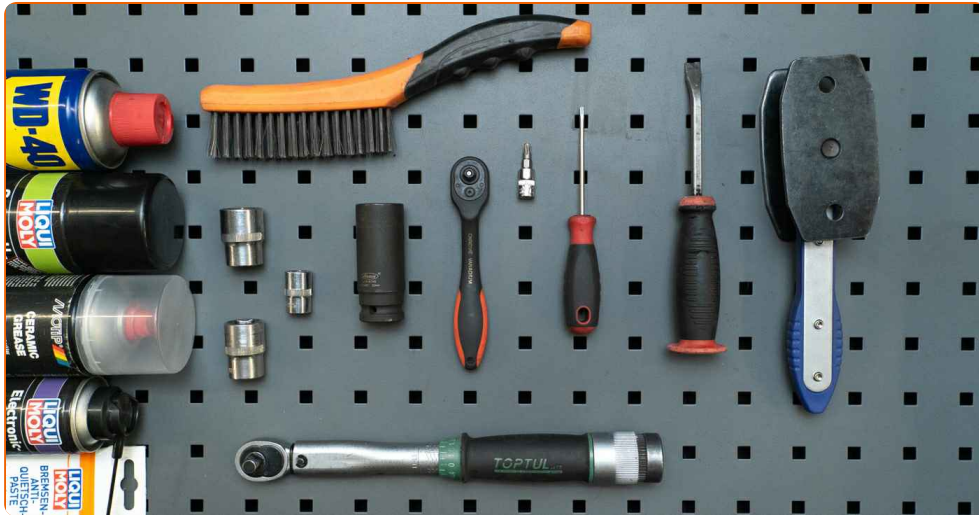
This replacement procedure can be used for:

RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.8 dTi, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.2 dCi, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.5 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 MASTER II Box (FD) 2.2 dCi

REPLACEMENT: BRAKE DISCS – RENAULT MASTER II PLATFORM/CHASSIS. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- 13 mm socket
- 17 mm socket
- 18 mm socket
- T40 Torx bit
- 24 mm wheel impact socket
- Ratchet wrench or power tool for removal/installation of threaded fasteners
- Ratchet screwdriver
- Tommy bar
- Mounting lever
- Brake caliper wind back tool
- Car lift or jack with jack stands, and wheel chocks

[Buy tools](#)

Replacement: brake discs – RENAULT Master II Platform/Chassis. Tip from AUTODOC experts:

- Replace the brake discs and pads in axle sets, regardless of their condition. This will ensure even braking.
- The procedure for replacing the brake discs and pads is identical for both sides of the same axle.
- All the work should be carried out with the ignition switched off.

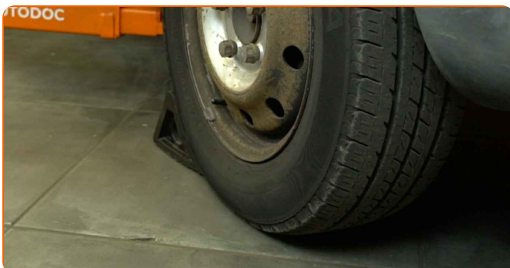
REPLACEMENT: BRAKE DISCS – RENAULT MASTER II PLATFORM/CHASSIS. RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet.

2 Loosen the brake fluid reservoir cap.



3 If you are going to use a jack, secure the wheels with chocks.



4

Loosen the wheel fasteners. Use a 24 mm wheel impact socket. Use a tommy bar.



5

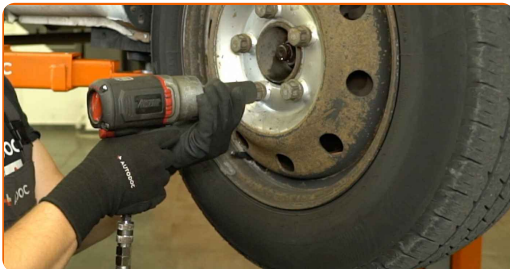
Raise the car.

Replacement: brake discs – RENAULT Master II Platform/Chassis. Tip:

- If you are using a jack, make sure the car is parked on a hard, flat surface.
- Make sure to additionally secure the car with jack stands.

6

Unscrew the wheel fasteners.



Caution!

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

7 Remove the wheel.



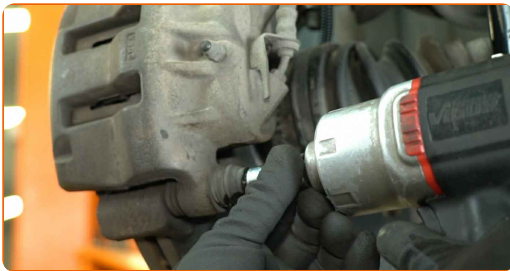
8 Spread the brake pads apart. Use a mounting lever.



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



10 Unscrew the lower brake caliper fastener. Use an 13 mm socket. Use a ratchet wrench.



11

Unscrew the upper brake caliper fastener. Use an 17 mm socket. Use a ratchet wrench.



12

Remove the fastening bolts.



13

Remove the brake caliper.



AUTODOC recommendation:

- Tie the caliper to the suspension or to the body with a wire without disconnecting it from the brake hose to avoid opening the brake line.
- Make sure that the brake caliper is not hanging from the brake hose.
- Do not press the brake pedal after the caliper has been removed. This may cause the piston to fall out of the caliper bore resulting in the brake fluid leakage and air entering the system.

14 Remove the brake pads.



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



16 Unscrew the brake caliper bracket fasteners. Use an 18 mm socket. Use a ratchet wrench.



17 Remove the fastening bolts.



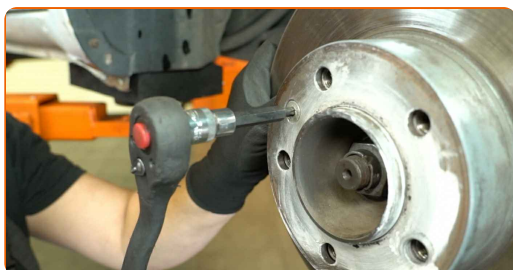
18 Remove the brake caliper bracket.



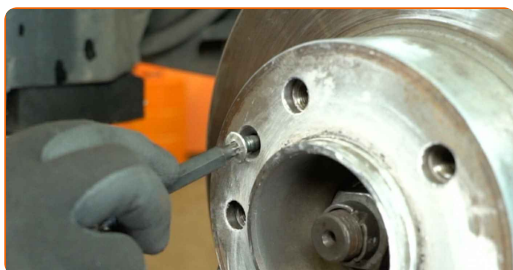
19 Clean the brake disc screw. Use a wire brush. Use WD-40 spray.



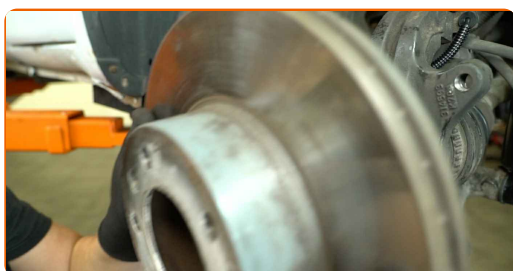
20 Unscrew the brake disc screw. Use a T40 Torx bit. Use a ratchet screwdriver.



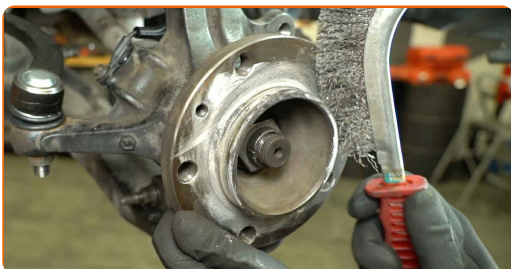
21 Remove the screw.



22 Remove the brake disc.



- 23 Clean the wheel hub surface that is in contact with the brake disc. Use a wire brush. Use an all-purpose cleaning spray.



- 24 Treat the wheel hub surface that is in contact with the brake disc. Use ceramic grease.



- 25 Install a new brake disc.



- 26 Install the brake disc screw.



27

Tighten the brake disc screw. Use a T40 Torx bit. Use a torque wrench. Tightening torque: 14 N·m.



28

Clean the brake caliper bracket and check its condition. Use a wire brush. Use a brake cleaner.



Replacement: brake discs – RENAULT Master II Platform/Chassis. AUTODOC experts recommend:

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

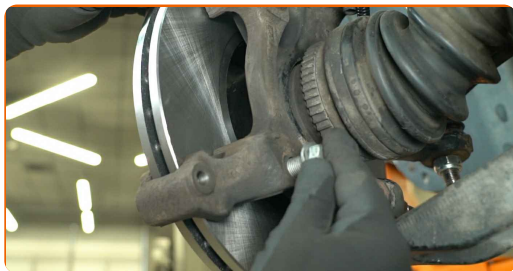
29

Install the brake caliper bracket.



30

Install the fastening bolts.



31

Tighten the fasteners of the brake caliper bracket. Use an 18 mm socket. Use a torque wrench. Tightening torque: 110 N·m.



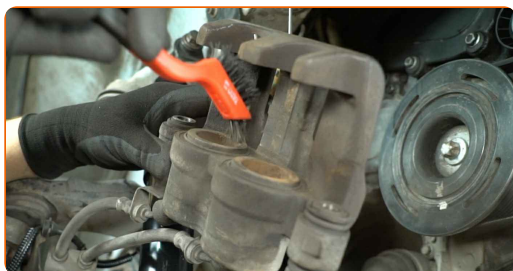
32

Remove the brake pad anti-rattle clip from the brake caliper.



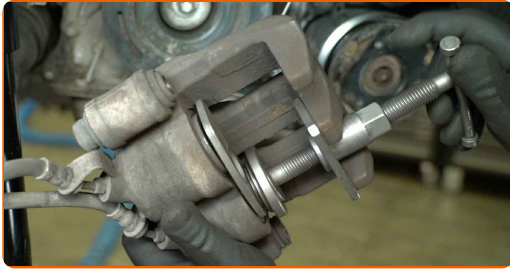
33

Clean the brake caliper pistons. Use a nylon brush. Use a brake cleaner.



34

Retract the brake caliper pistons. Use a brake caliper wind back tool.



35

Install a brake pad anti-rattle clip into the brake caliper.



36

Treat the brake pads in the areas where they contact the brake caliper bracket. Use anti-squeal paste.



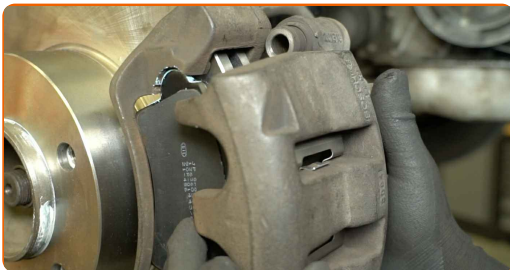
37

Install the brake pads.

•

38

Install the brake caliper.



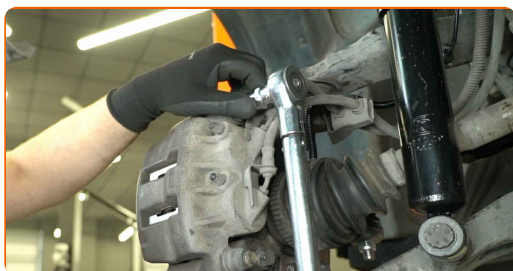
39

Install the fastening bolts.



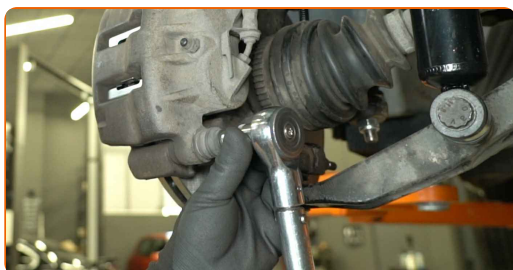
40

Tighten the upper brake caliper fastener. Use an 17 mm socket. Use a torque wrench. Tightening torque: 80 N·m.



41

Tighten the lower brake caliper fastener. Use an 13 mm socket. Use a torque wrench. Tightening torque: 30 N·m.

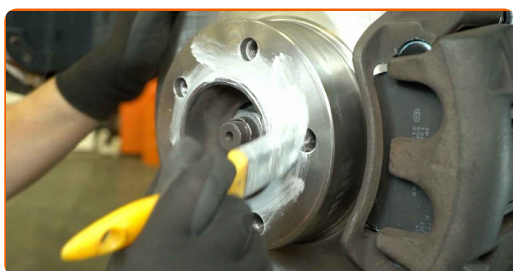


42

Clean the wheel rim mounting seat. Use a wire brush. Use an all-purpose cleaning spray.

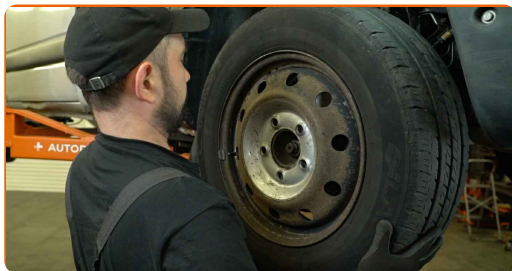
43

Treat the brake disc surface that contacts the wheel rim. Use ceramic grease.



44

Install the wheel.

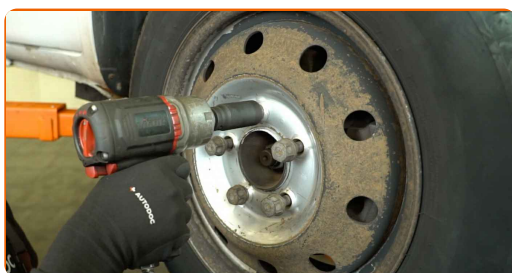


Caution!

- To avoid injury, hold up the wheel when screwing in the fasteners.

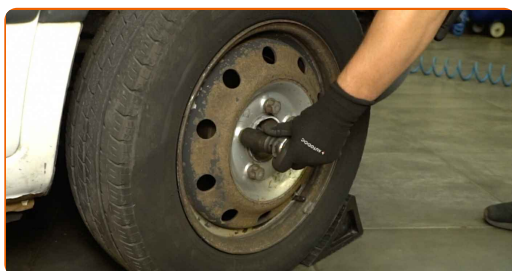
45

Screw in the wheel fasteners. Use a 24 mm wheel impact socket. Use a ratchet wrench.



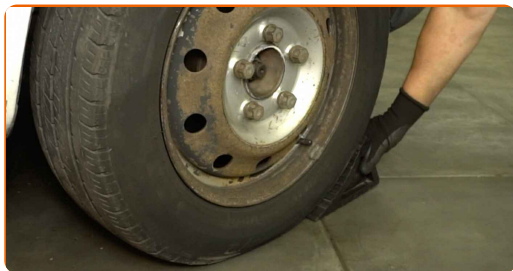
46

Lower the car and tighten the wheel fasteners in a criss-cross pattern. Use a 24 mm wheel impact socket. Use a torque wrench. Tightening torque: 172 N·m.



47

Remove the jack, jack stands, and wheel chocks.



48

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



49

Check the brake fluid level in the reservoir and top up if necessary.



50

Tighten the brake fluid reservoir cap.



51

Close the bonnet.

WELL DONE! 

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