



How to change rear
brake discs on **TOYOTA**
LAND CRUISER 90 (_J9_)
– 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:

TOYOTA LAND CRUISER 90 (_J9_) 3.4 i 24V, TOYOTA LAND CRUISER 90 (_J9_) 3.0 D-4D, TOYOTA LAND CRUISER 90 (_J9_) 3.0 TD, TOYOTA LAND CRUISER 90 (_J9_) 2.7 (RZJ95), TOYOTA LAND CRUISER 90 (_J9_) 3.0 TD (KZJ95)

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: TOYOTA LAND CRUISER (KDJ12_, GRJ12_) 3.0 D-4D

REPLACEMENT: BRAKE DISCS – TOYOTA LAND CRUISER 90 (_J9_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 17
- Wheel impact socket #21
- Brake caliper wind back tool
- Torque wrench
- Tap wrench
- Rubber mallet
- Crow bar
- Wheel chock

Buy tools

Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). AUTODOC recommends:

- Replace the brake disks on the car TOYOTA LAND CRUISER 90 (_J9_) 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.
- Warning! Shut down the engine before starting any work – TOYOTA LAND CRUISER 90 (_J9_).

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 rear of the car and secure on supports.

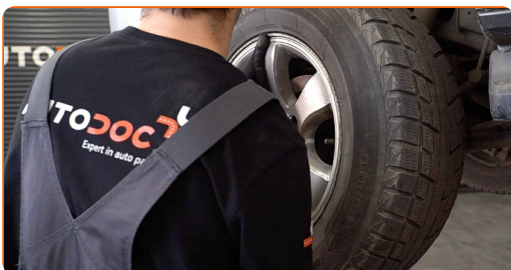
5 Unscrew the wheel bolts.



Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). Tip from AUTODOC:

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

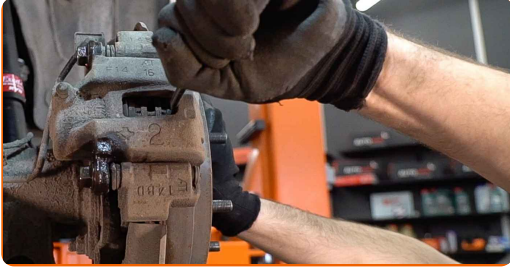
6 Remove the wheel.



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



8 Spread the brake pads. Use a crowbar.



9 Unscrew the brake caliper fastening. Use a drive socket #17. Use a tap wrench.



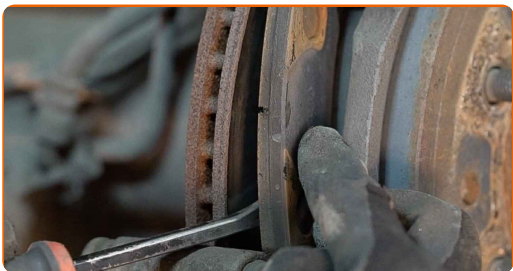
10 Remove the brake caliper.



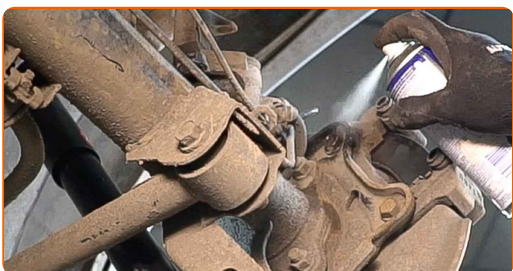
AUTODOC recommends:

- 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.

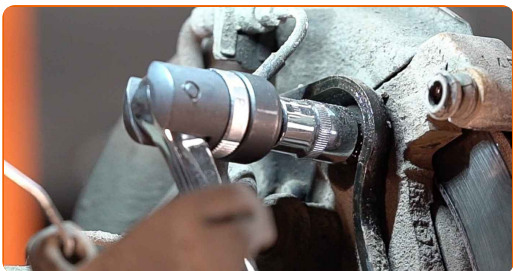
11 Remove the brake pads. Use a crowbar.



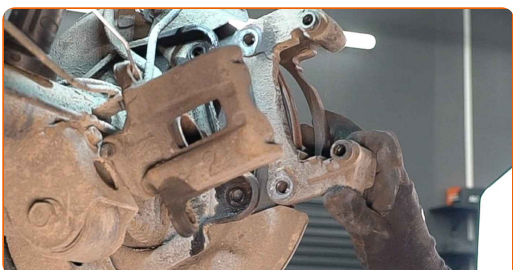
12 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



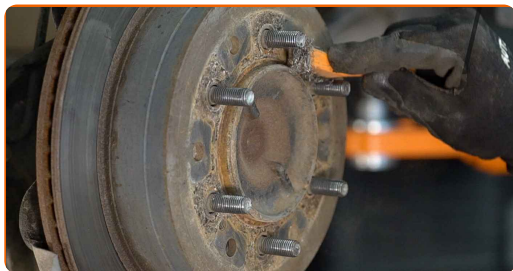
13 Unscrew the caliper bracket fastening. Use a drive socket #17. Use a tap wrench.



14 Remove the caliper bracket.



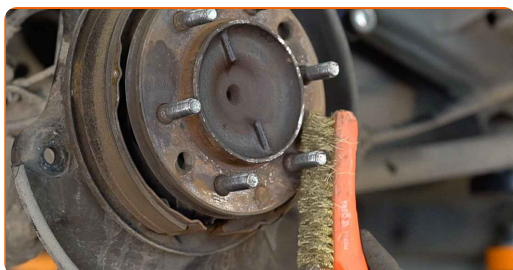
15 Clean the brake disk surface. Use a wire brush. Use WD-40 spray.



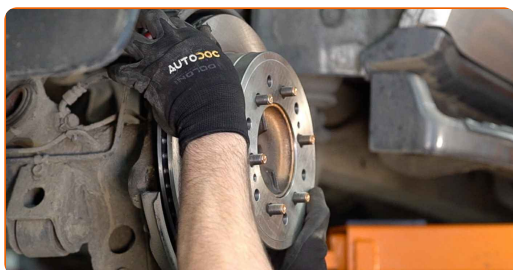
16 Remove the brake disc. Use a crowbar. Use a rubber mallet.



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



18 Install the brake disc.



19

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

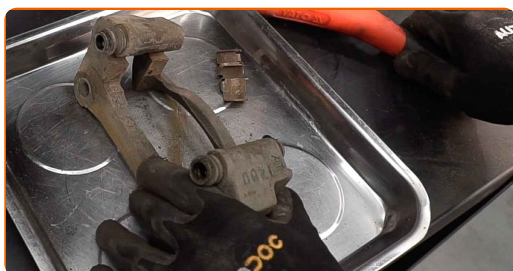


AUTODOC recommends:

- Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). After applying the spray, wait a few minutes.

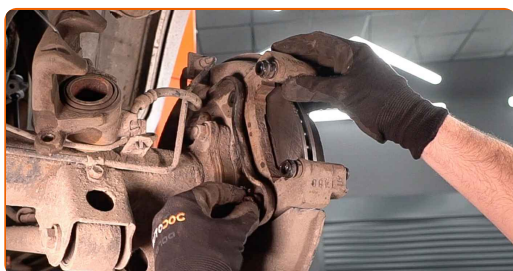
20

Remove the retaining springs of the brake pads.



21

Install the brake caliper bracket.



22 Tighten the brake caliper bracket. Use a drive socket #17. Use a torque wrench. Tighten it to 105 Nm torque.



23 Install the retaining springs of the brake pads.



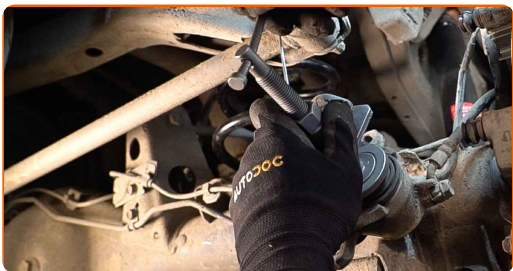
24 Treat the brake caliper piston. Use a brake cleaner.



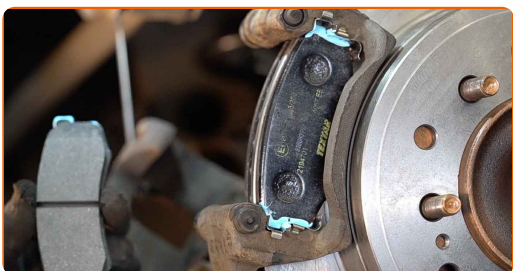
Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). Professionals recommend:

- After applying the spray, wait a few minutes.

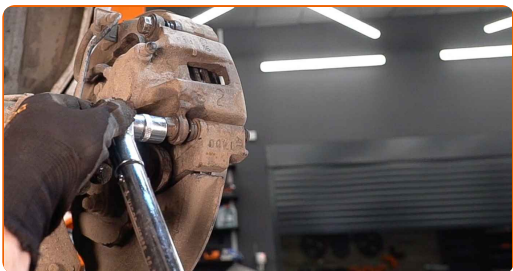
25 Press in the brake caliper piston. Use brake caliper wind back tool.



26 Install the brake pads.



27 Install the brake caliper and fix it. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.



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



29

Clean the brake disk surface. Use a brake cleaner.

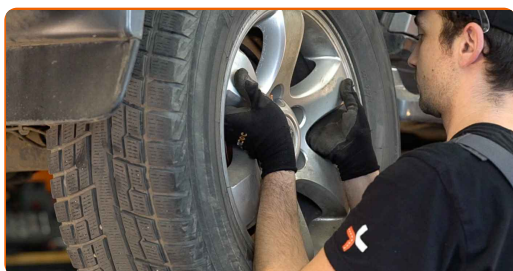


AUTODOC recommends:

- Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). After applying the spray, wait a few minutes.

30

Install the wheel.

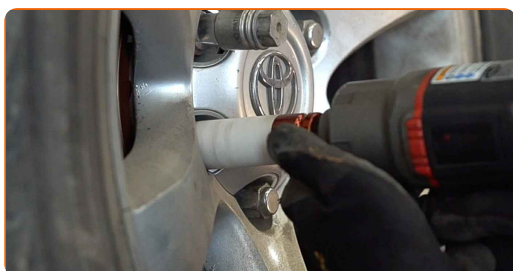


Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). Tip from AUTODOC experts:

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

31

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



32

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 112 Nm torque.



33

Remove the jacks and chocks.

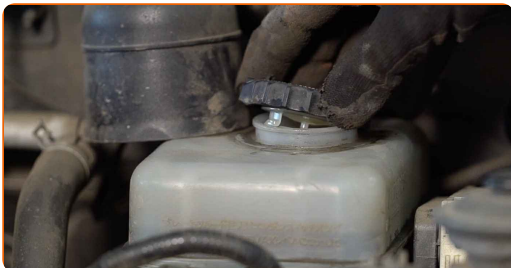


Replacement: brake discs – TOYOTA LAND CRUISER 90 (_J9_). AUTODOC recommends:

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

34

Tighten the brake fluid reservoir cap.



AUTODOC recommends:

- TOYOTA LAND CRUISER 90 (_J9_) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35

Close the hood.

WELL DONE! 

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BRAKE DISCS: A WIDE SELECTION

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