



How to change rear  
brake pads on **TOYOTA**  
**FJ CRUISER (GSJ1\_)** –  
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 FJ CRUISER (GSJ1\_) 4.0 4WD (GSJ15\_), TOYOTA FJ CRUISER (GSJ1\_) 4.0 4WD (GSJ15)

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 PADS – TOYOTA FJ CRUISER (GSJ1\_). LIST OF THE TOOLS YOU'LL NEED:



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

**Buy tools**

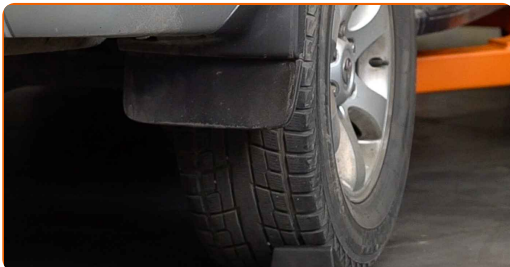
Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

## REPLACEMENT: BRAKE PADS – TOYOTA FJ CRUISER (GSJ1\_). USE THE FOLLOWING PROCEDURE:

**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.

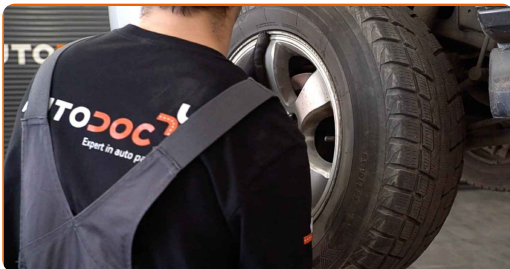


**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. TOYOTA FJ CRUISER (GSJ1\_)

6

Remove the wheel.



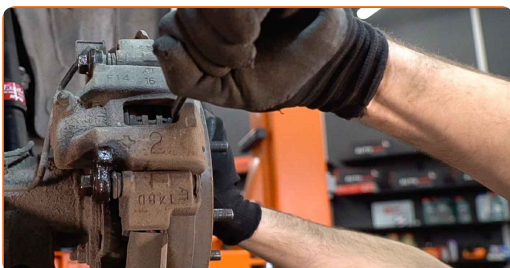
7

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.



Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). 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.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

**11**

Remove the brake pads. Use a crowbar.



Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

**12**

Remove the retaining springs of the brake pads.

**13**

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



Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). Professionals recommend:

- After applying the spray, wait a few minutes.

**14** Install the retaining springs of the brake pads.



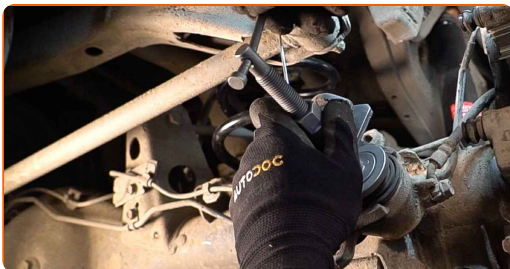
**15** Treat the brake caliper piston. Use a wire brush. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). After applying the spray, wait a few minutes.

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





- 17** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



**Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). Tip:**

- Make sure the disc surface is clean before installing the pads.

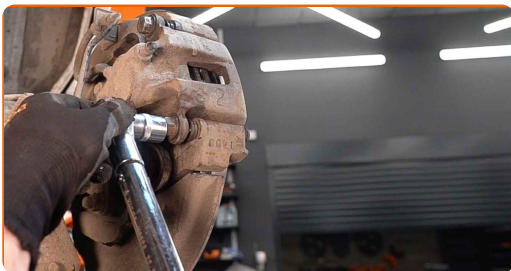
- 18** Install new brake pads.



**Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). Tip from AUTODOC experts:**

- Make sure the pads are installed with linings facing the disc.

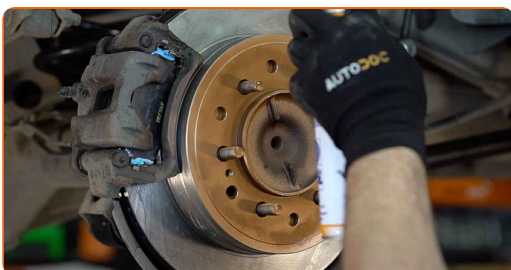
**19** Install the brake caliper and fix it. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.



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



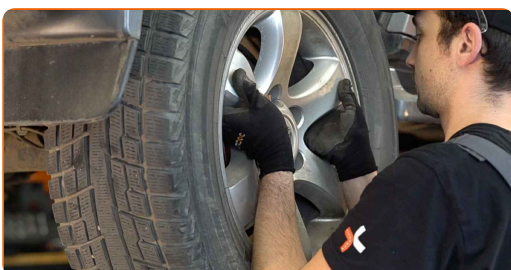
**21** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). After applying the spray, wait a few minutes.

**22** Install the wheel.

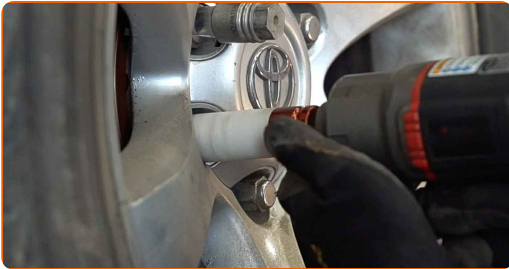


Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). AUTODOC experts recommend:

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

23

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



24

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



25

Remove the jacks and chocks.

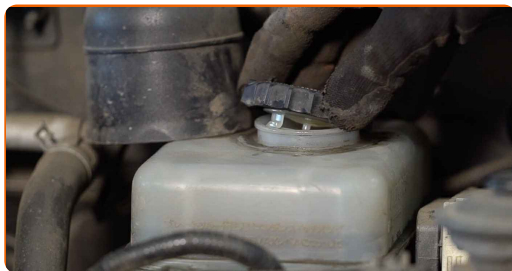


Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). AUTODOC experts recommend:

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

26

Tighten the brake fluid reservoir cap.



#### AUTODOC recommends:

- TOYOTA FJ CRUISER (GSJ1\_) – Without starting the engine, press the brake pedal several times until it feels firm.

27

Close the hood.

#### Replacement: brake pads – TOYOTA FJ CRUISER (GSJ1\_). Tip from AUTODOC:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unnecessary and sharp braking to a stop.

**WELL DONE!** 

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