



How to change rear  
brake pads on **TOYOTA**  
**Urban Cruiser (\_P1\_)** –  
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 Urban Cruiser (\_P1\_) 1.33 (NSP110\_), TOYOTA Urban Cruiser (\_P1\_) 1.4 D-4D (NLP110\_), TOYOTA Urban Cruiser (\_P1\_) 1.4 D-4D 4WD (NLP115\_)

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 AURIS (NRE15\_, ZZE15\_, ADE15\_, ZRE15\_, NDE15\_) 1.8 Hybrid (ZWE150\_)

REPLACEMENT: BRAKE PADS – TOYOTA URBAN CRUISER (\_P1\_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #14
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #21
- Brake caliper wind back tool
- Torque wrench
- Water pump pliers
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Professionals 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.
- Warning! Shut down the engine before starting any work – TOYOTA Urban Cruiser (\_P1\_).

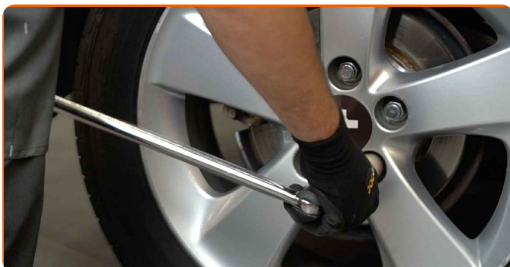
**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

**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.



**AUTODOC recommends:**

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

**6** Remove the wheel.



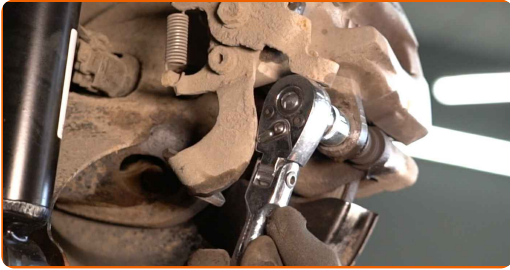
**7** Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



**8** Detach the parking brake cable from the bracket on the brake caliper. Use water pump pliers.



**9** Unscrew the brake caliper fastening. Use a combination spanner #14. Use a combination spanner #17.



**10** Spread the brake pads. Use a crowbar.

**11** Remove the brake caliper.

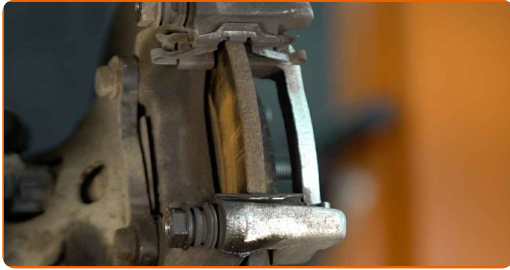


**Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). AUTODOC experts recommend:**

- 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.

**12**

Remove the brake pads.

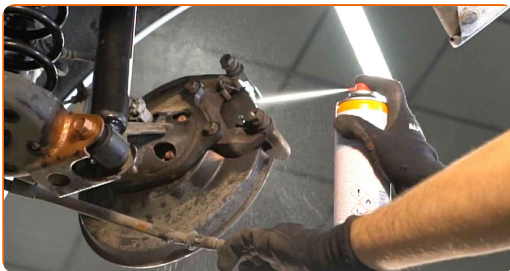


Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Tip from AUTODOC:

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

**13**

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



AUTODOC recommends:

- Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). After applying the spray, wait a few minutes.

**14**

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

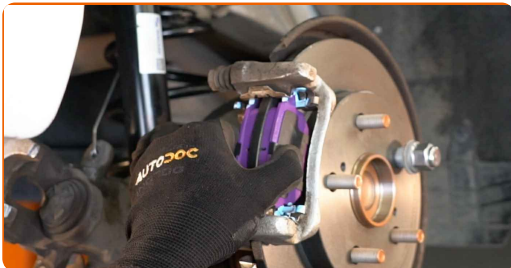


**Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Tip:**

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

**15**

Install new brake pads.



**AUTODOC recommends:**

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

**16**

Treat the brake caliper piston. Use a brake cleaner.



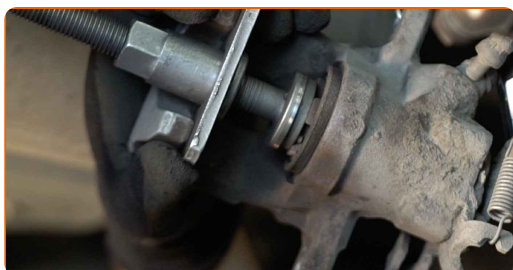


Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

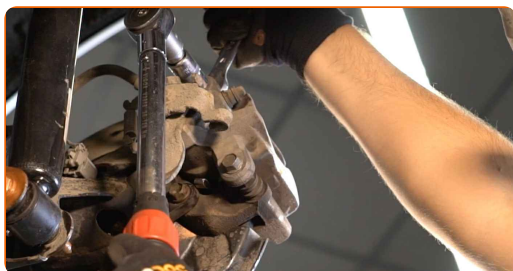
17

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



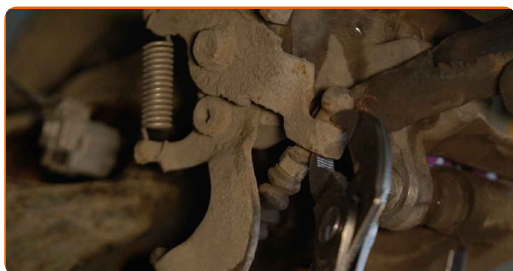
18

Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 35 Nm torque.



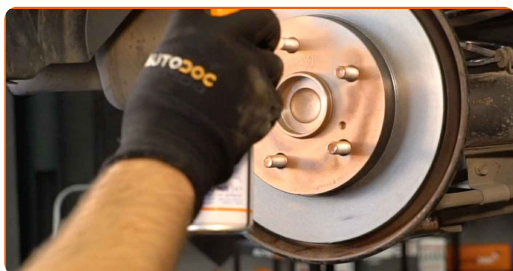
19

Install the parking brake cable into the brake caliper bracket.



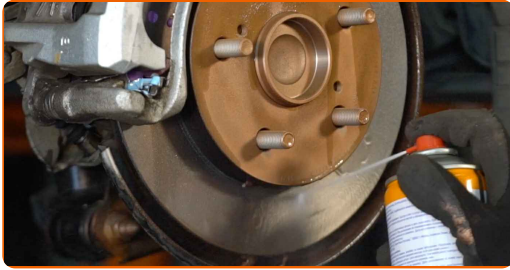
20

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



21

Clean the brake disk surface. Use a brake cleaner.

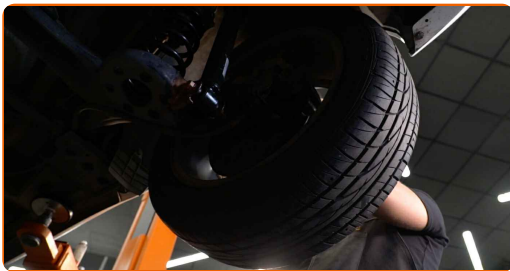


**AUTODOC recommends:**

- Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). After applying the spray, wait a few minutes.

22

Install the wheel.



**Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Tip:**

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

23

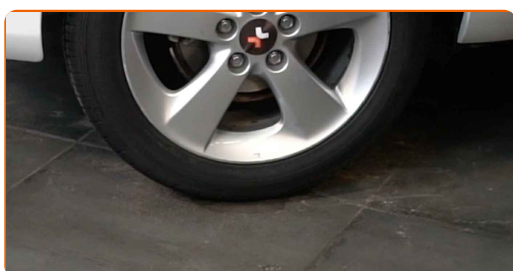
Screw in the wheel bolts. Use wheel impact socket #21.



- 24** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 103 Nm torque.



- 25** Remove the jacks and chocks.



**AUTODOC recommends:**

- Important! Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Check the brake fluid level in the reservoir and top up if necessary.

- 26** Tighten the brake fluid reservoir cap.



**AUTODOC recommends:**

- TOYOTA Urban Cruiser (\_P1\_) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

27

Close the hood.

Replacement: brake pads – TOYOTA Urban Cruiser (\_P1\_). Tip from AUTODOC experts:

- 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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