



How to change brake
drum on **TOYOTA bB I**
(NCP3_) – 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 bB I (NCP3_) 1.5 (NCP3_), TOYOTA bB I (NCP3_) 1.3 (NCP30_)

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 Yaris Hatchback (_P1_) 1.3 (NCP10_, SCP12_)

REPLACEMENT: BRAKE DRUM – TOYOTA BB I (NCP3_).
LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Wheel impact socket #21
- Torque wrench
- Wheel chock

Buy tools

Replacement: brake drum – TOYOTA bB I (NCP3_). Professionals recommend:

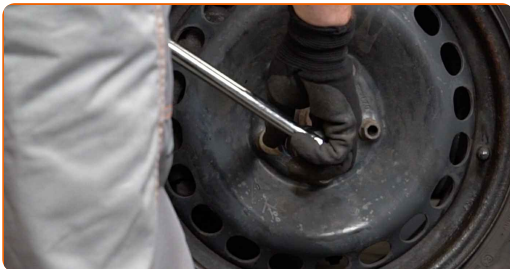
- Replace the brake drums on TOYOTA bB I (NCP3_) in pair for the rear axle. Disregarding the parts state. It ensures even braking.
- The replacement procedure is identical for the right and left brake drums on the same axle.
- When replacing the brake drums, be sure to also change the brake shoes.
- Please note: all work on the car – TOYOTA bB I (NCP3_) – 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.

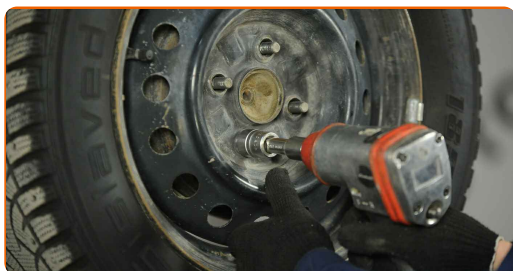
2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4 Raise the rear of the car and secure on supports.

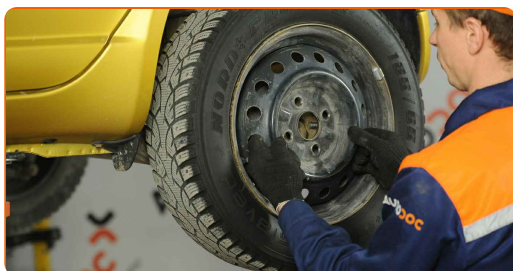
5 Unscrew the wheel bolts.



Replacement: brake drum – TOYOTA bB I (NCP3_). AUTODOC experts recommend:

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

6 Remove the wheel.



7 Fully lower the parking brake lever.

8 Remove the brake drum.

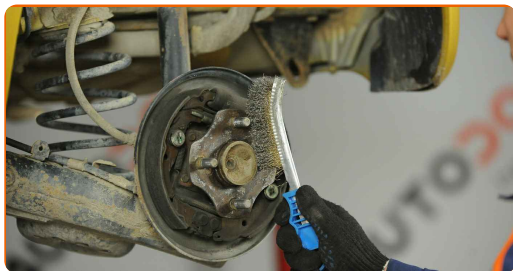


Replacement: brake drum – TOYOTA bB I (NCP3_). Tip:

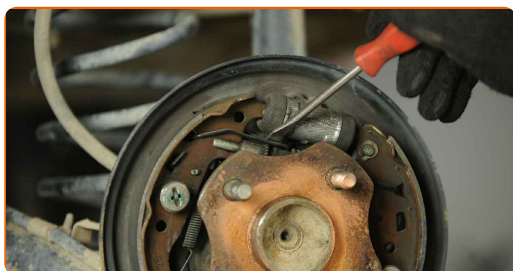
- Examine the brake shoes. Replace them if needed.

9

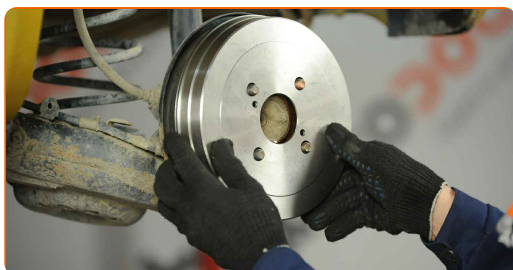
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

**10**

Move the parking brake shoes against the drum.

**11**

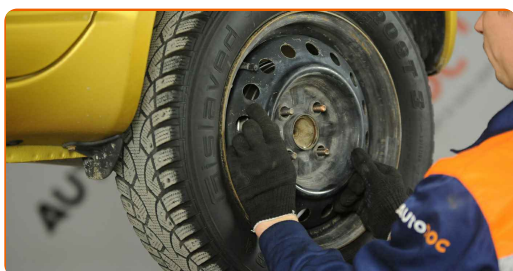
Install a brake drum.

**12**

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

**13**

Install the wheel.



Replacement: brake drum – TOYOTA bB I (NCP3_). Tip from AUTODOC experts:

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

14

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



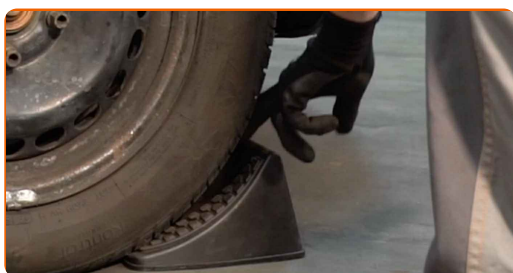
15

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 103 Nm torque.



16

Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake drum – TOYOTA bB I (NCP3_). Check the brake fluid level in the reservoir and top up if necessary.

17 Tighten the brake fluid reservoir cap. Close the hood.

18 Adjust the gap between the brake shoes and the drum on TOYOTA bB I (NCP3_), pressing the brake pedal 10-15 times.



WELL DONE! 

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BRAKE DRUM: A WIDE SELECTION

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