



How to change front  
brake pads on **TOYOTA**  
**Yaris III Van (XP13)** –  
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 Yaris III Van (XP13) 1.3 VVTi (NSP130), TOYOTA Yaris III Van (XP13) 1.0 VVTi (KSP130), TOYOTA Yaris III Van (XP13) 1.4 D4d (NLP130)

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 (\_P9\_) 1.3 VVT-i (SCP90\_)

**REPLACEMENT: BRAKE PADS – TOYOTA YARIS III VAN (XP13). TOOLS YOU MIGHT NEED:**



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Torque wrench
- HEX bit No.H7
- Wheel impact socket #21
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

**Buy tools**

Replacement: brake pads – TOYOTA Yaris III Van (XP13). 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.
- Please note: all work on the car – TOYOTA Yaris III Van (XP13) – should be done with the engine switched off.

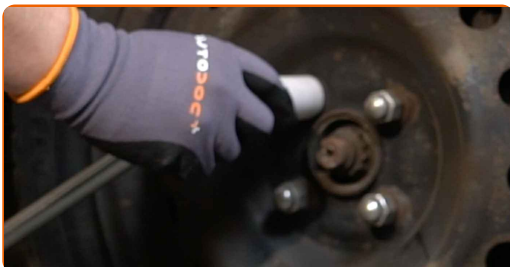
## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**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.



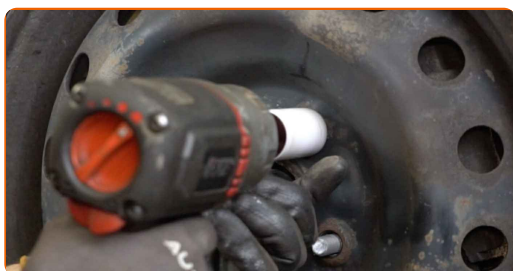
**4** Raise the car.

Replacement: brake pads – TOYOTA Yaris III Van (XP13). Tip from AUTODOC:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

5

Unscrew the wheel bolts.



AUTODOC recommends:

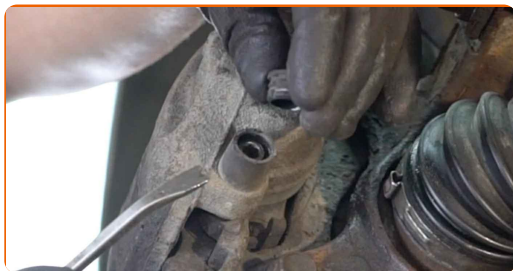
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
TOYOTA Yaris III Van (XP13)

6

Remove the wheel.



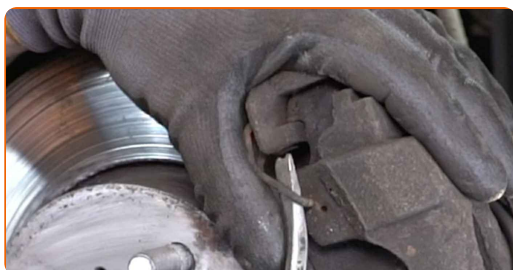
**7** Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



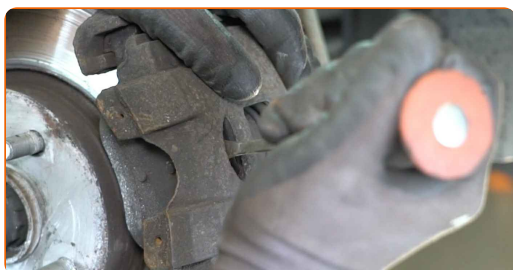
**8** Unscrew the brake caliper fasteners. Use HEX No.H7. Use a ratchet wrench.



**9** Detach the brake caliper retaining spring. Use a crowbar.



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



**11** Remove the brake caliper. Use a crowbar.



Replacement: brake pads – TOYOTA Yaris III Van (XP13). Professionals 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.

12

Remove the brake pads.

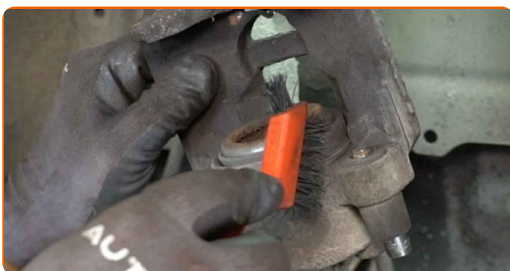


AUTODOC recommends:

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

13

Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.





**AUTODOC recommends:**

- Replacement: brake pads – TOYOTA Yaris III Van (XP13). After applying the spray, wait a few minutes.

**14**

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



**Replacement: brake pads – TOYOTA Yaris III Van (XP13). Tip from AUTODOC experts:**

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

**15**

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



**AUTODOC recommends:**

- Replacement: brake pads – TOYOTA Yaris III Van (XP13). After applying the spray, wait a few minutes.



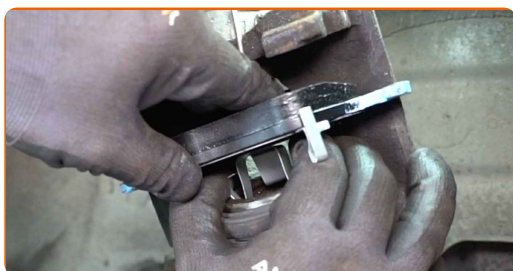
- 16** Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – TOYOTA Yaris III Van (XP13). Tip from AUTODOC:

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

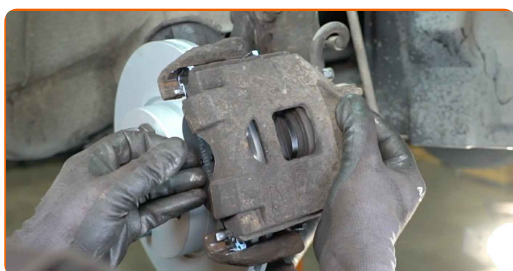
- 17** Install new brake pads.



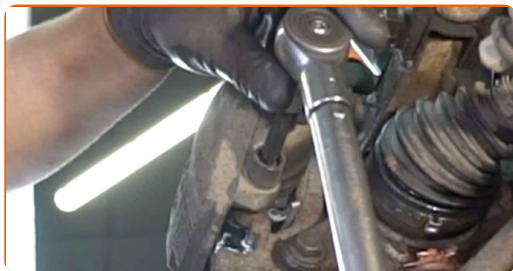
AUTODOC recommends:

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

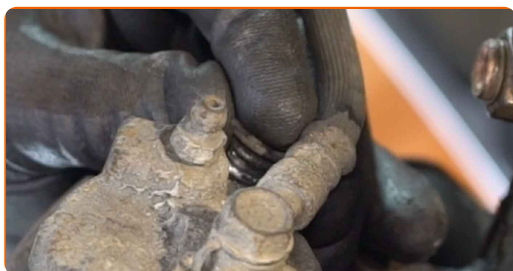
- 18** Install the brake caliper and fix it.



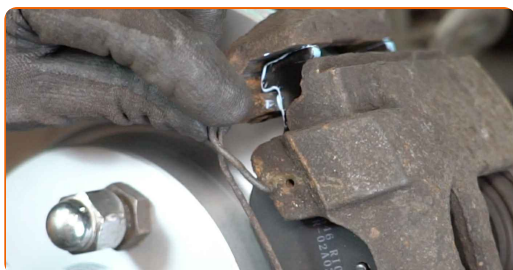
**19** Tighten the brake caliper fasteners. Use HEX No.H7. Use a torque wrench. Tighten it to 34 nm torque.



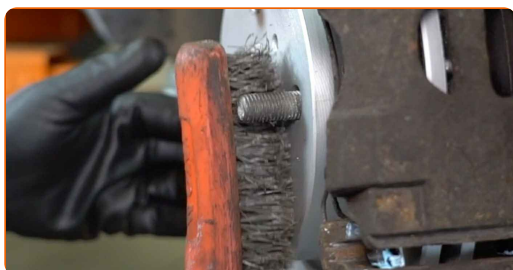
**20** Install the dust boot caps of the brake caliper guide pins.



**21** Install the brake caliper retaining spring. Use a crowbar.



**22** Clean the wheel rim mounting seat. Use a wire brush.



**23** Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



**24**

Clean the brake disk surface. Use a brake cleaner.

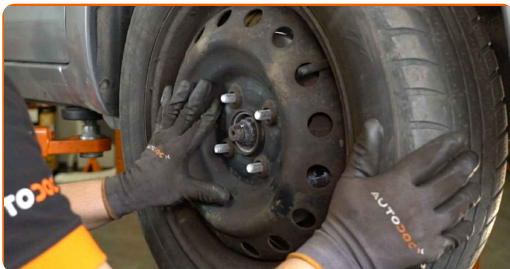


**AUTODOC recommends:**

- Replacement: brake pads – TOYOTA Yaris III Van (XP13). After applying the spray, wait a few minutes.

**25**

Install the wheel.

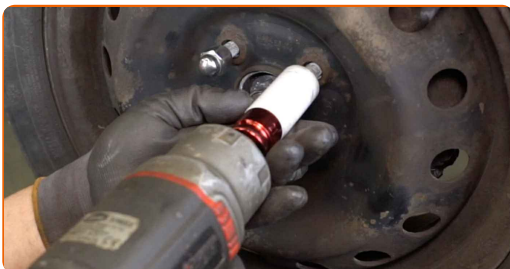


**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. TOYOTA Yaris III Van (XP13)

**26**

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



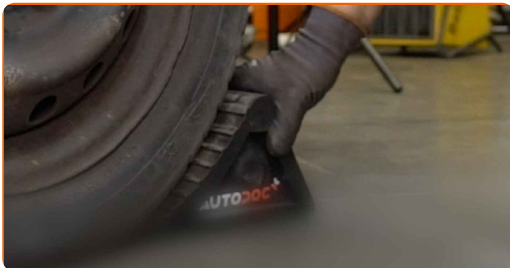
**27**

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.



**28**

Remove the jacks and chocks.



**Replacement: brake pads – TOYOTA Yaris III Van (XP13). Tip from AUTODOC experts:**

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

**29**

Tighten the brake fluid reservoir cap. Close the hood.

**WELL DONE!** 

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