



How to change front  
brake pads on **TOYOTA**  
**Echo Saloon (\_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 Echo Saloon (\_P1\_) 1.5 (NCP12\_)

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 Prius II Liftback (XW20) 1.5 Hybrid (NHW2\_)

REPLACEMENT: BRAKE PADS – TOYOTA ECHO SALOON (\_P1\_). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Combination spanner #13
- Combination spanner #17
- Drive socket # 13
- Wheel impact socket #21
- Brake caliper wind back tool
- Torque wrench
- Crow bar
- Wheel chock

**Buy tools**

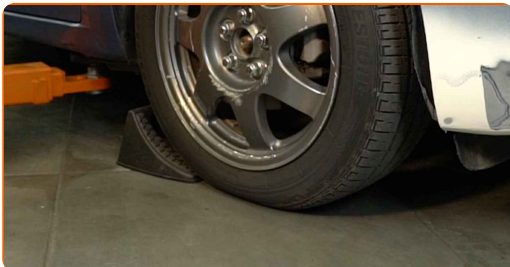
Replacement: brake pads – TOYOTA Echo Saloon (\_P1\_). AUTODOC recommends:

- 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.

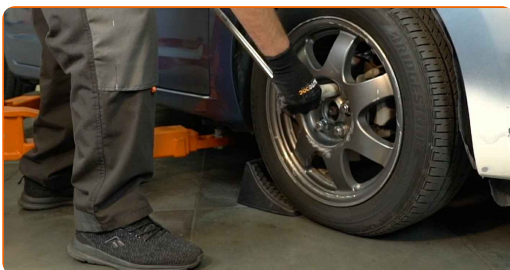
**REPLACEMENT: BRAKE PADS – TOYOTA ECHO SALOON (\_P1\_). USE THE FOLLOWING PROCEDURE:**

**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 front of the car and secure on supports.

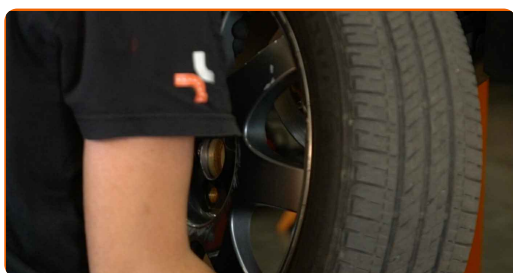
**5** Unscrew the wheel bolts.



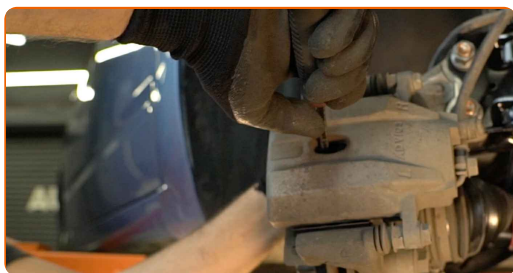
Replacement: brake pads – TOYOTA Echo Saloon (\_P1\_). Tip from AUTODOC:

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

**6** Remove the wheel.



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



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



9

Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #17.



10

Remove the brake caliper.



**Replacement: brake pads – TOYOTA Echo Saloon (\_P1\_). Tip:**

- 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 Echo Saloon (\_P1\_). AUTODOC experts recommend:

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

**12**

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use WD-40 spray.



**13**

Treat the brake caliper piston. Use a brake cleaner.



AUTODOC recommends:

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

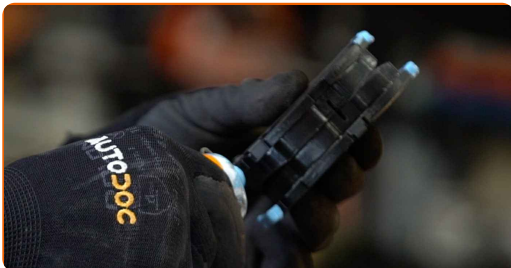
**14**

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



**15**

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 Echo Saloon (\_P1\_). Tip from AUTODOC experts:**

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

**16**

Install new brake pads.



**AUTODOC recommends:**

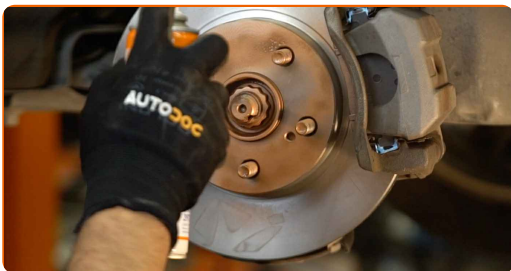
- Make sure the pads are installed with linings facing the disc.



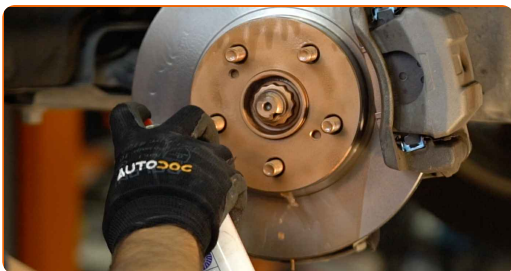
**17** Install the brake caliper and fix it. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



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



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



Replacement: brake pads – TOYOTA Echo Saloon (\_P1\_). AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

**20** Install the wheel.



**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. TOYOTA Echo Saloon (\_P1\_)

**21**

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



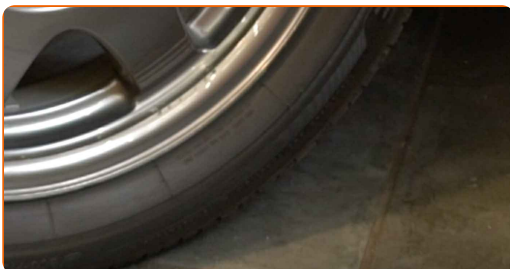
**22**

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



**23**

Remove the jacks and chocks.



**AUTODOC recommends:**

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

24

Tighten the brake fluid reservoir cap.



**AUTODOC recommends:**

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

25

Close the hood.

**Replacement: brake pads – TOYOTA Echo Saloon (\_P1\_). AUTODOC recommends:**

- 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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