



How to change front
brake caliper on **Toyota**
Prius 2 – replacement
guide

VIDEO TUTORIAL



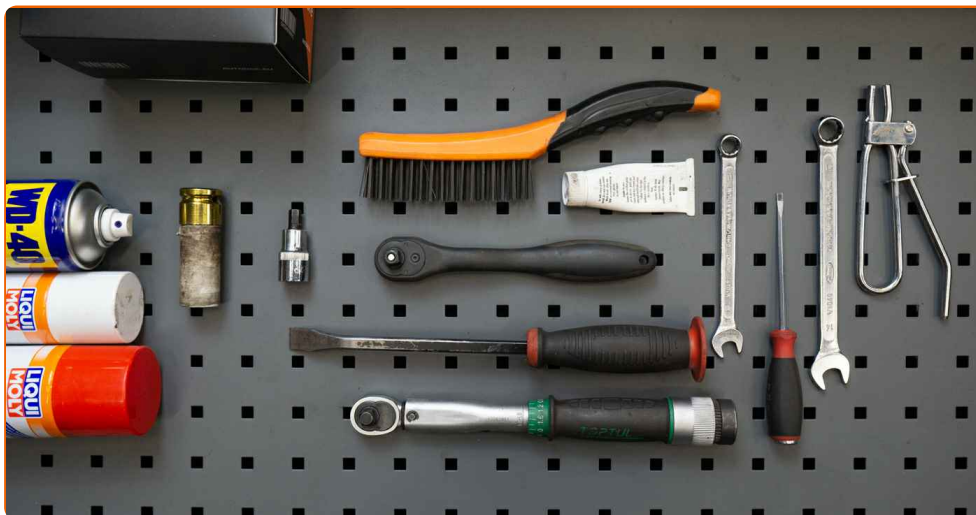
i Important!

This replacement procedure can be used for:
TOYOTA PRIUS Hatchback (NHW20_) 1.5 Hybrid (NHW2_)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE CALIPER – TOYOTA PRIUS 2.

LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #9
- Flare nut spanner №17
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Brake hose clip
- Crow bar
- Brake bleeder kit
- Wheel chock

BUY TOOLS

Replacement: brake caliper – Toyota Prius 2. AUTODOC experts recommend:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- Please note: all work on the car – Toyota Prius 2 – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

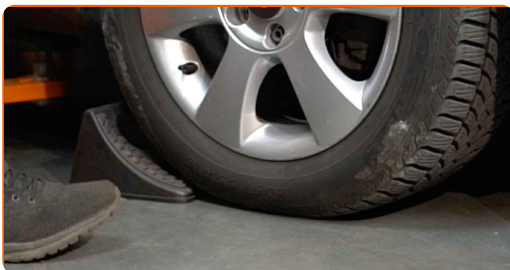
1

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.



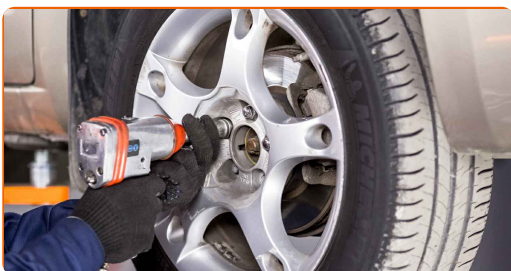
4

Raise the front of the car and secure on supports.



5

Unscrew the wheel bolts.

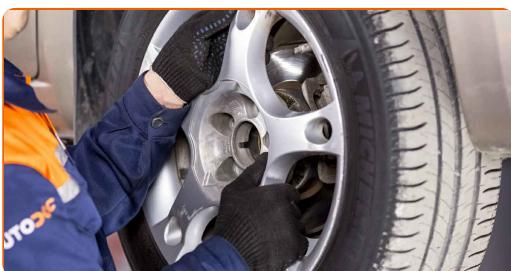


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
Toyota Prius 2

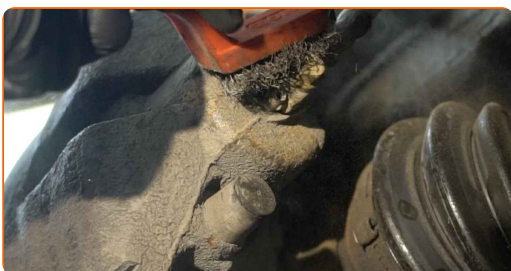
6

Remove the wheel.



7

Clean the area where the brake hose is connected to the caliper, and the guide pins area. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- After applying the spray, wait a few minutes.

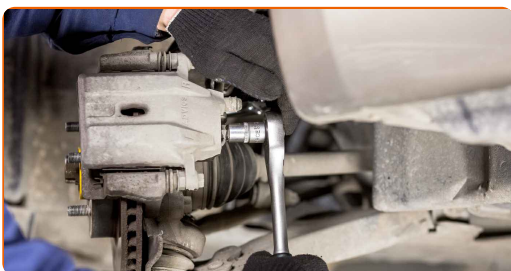
8

Clamp the brake hose off using a brake hose clamp.



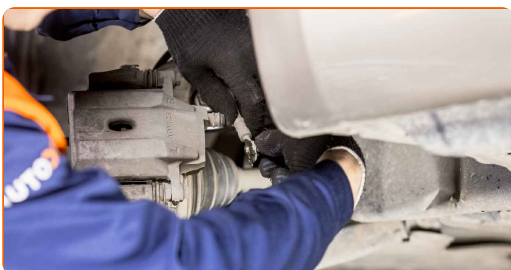
9

Unscrew the brake hose from the brake caliper. Use a drive socket #14. Use a ratchet wrench.



10

Disconnect the brake hose.



11

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

12

Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #14. Use a ratchet wrench.



13

Remove the guide pins from the brake caliper.

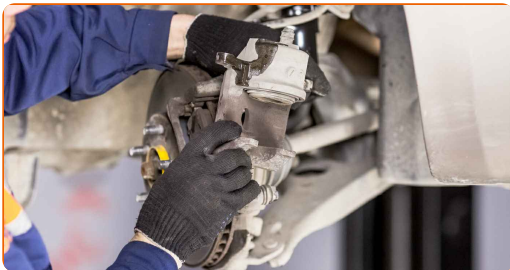
14

Spread the brake pads. Use a crowbar.



15

Remove the brake caliper.



Replacement: brake caliper – Toyota Prius 2. AUTODOC recommends:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.
- 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.

16

Install the brake caliper and fix it.



17

Screw in the guide pins.

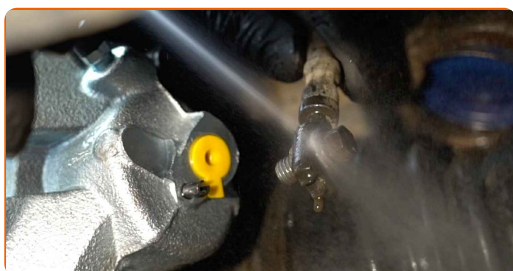
Replacement: brake caliper – Toyota Prius 2. Professionals recommend:

- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

- 18** Tighten the brake caliper fasteners. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 34 Nm torque.



- 19** Treat the brake hose. Use a brake cleaner.



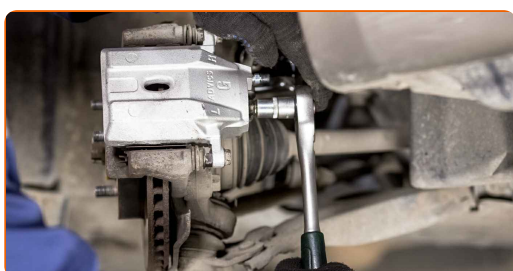
AUTODOC recommends:

- Replacement: brake caliper – Toyota Prius 2. After applying the spray, wait a few minutes.

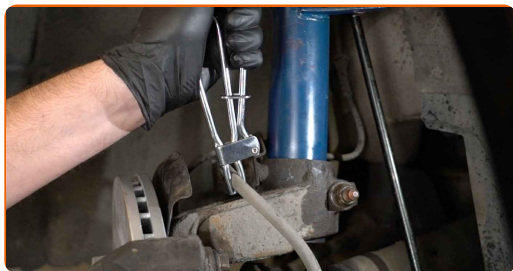
- 20** Install and fix the brake hose into a new caliper.



- 21** Tighten the fastener connecting the brake pipe to the brake caliper. Use a drive socket #14. Use a torque wrench. Tighten it to 33 Nm torque.



22 Remove the brake hose clamp.



23 Clean the brake caliper surface.

24 Connect the brake bleeder kit to the brake bleeder screw.

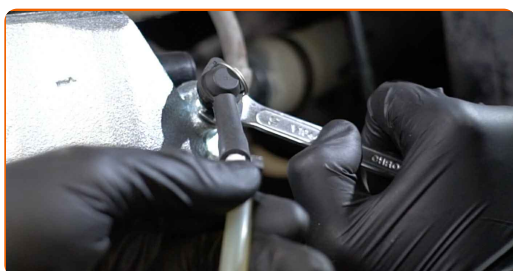
25 Undo the brake bleeder screw. Use a combination spanner #9.



26 Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.

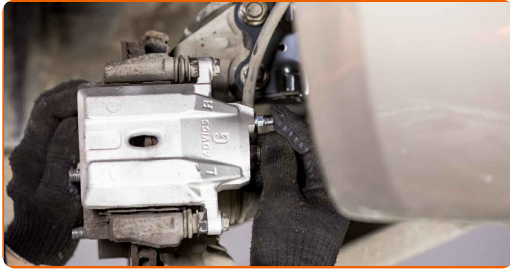


27 Tighten the brake caliper bleed screw. Use a combination spanner #9. Use a torque wrench. Tighten it to 8 Nm torque.



28

Disconnect the brake bleeder kit.



29

Clean dirt from the brake hose bolt. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

30

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



31

Clean the brake disk surface. Use a brake cleaner.



Replacement: brake caliper – Toyota Prius 2. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

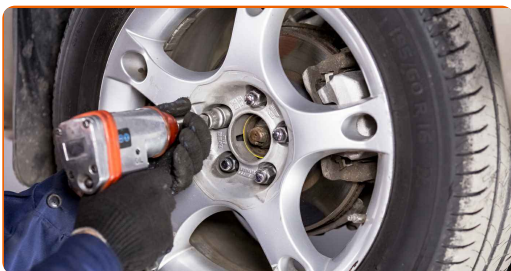
32 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Toyota Prius 2

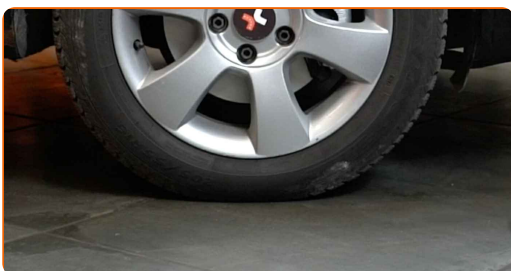
33 Screw in the wheel bolts. Use wheel impact socket #21.



34 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.



35 Remove the jacks and chocks.



Replacement: brake caliper – Toyota Prius 2. Professionals recommend:

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

36

Tighten the brake fluid reservoir cap. Close the hood.



Replacement: brake caliper – Toyota Prius 2. AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

WELL DONE! 👍

[VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
 Google Play

Download on the
 App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BUY SPARE PARTS FOR TOYOTA

BRAKE CALIPER: A WIDE SELECTION

CHOOSE CAR PARTS FOR TOYOTA PRIUS 2

BRAKE CALIPER FOR TOYOTA: BUY NOW

BRAKE CALIPER FOR TOYOTA PRIUS 2: THE BEST DEALS & OFFERS

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.