How to change front brake discs on Toyota Prado J120 – replacement guide

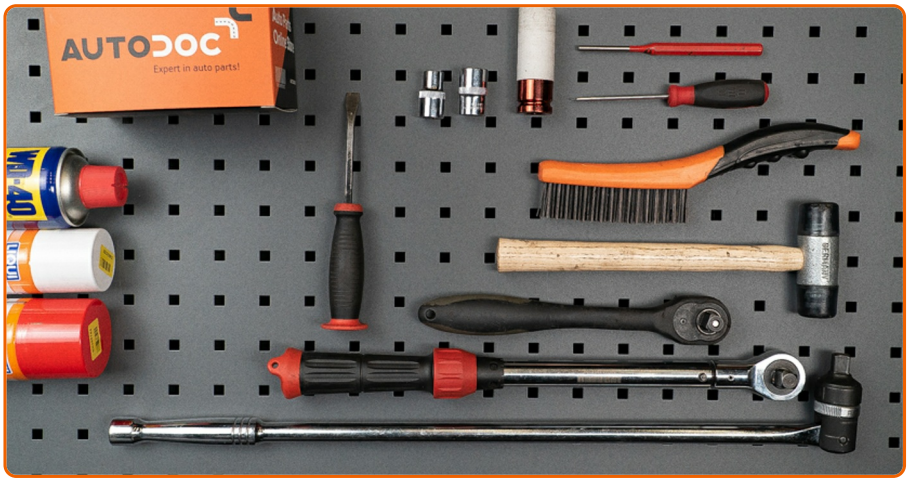
VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
TOYOTA LAND CRUISER PRADO (_J12_) 3.0 D-4D (KDJ120, KDJ125), TOYOTA LAND CRUISER PRADO (_J12_) 3.0 D-4D (KDJ120_)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – TOYOTA PRADO J120. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 12
- Drive socket # 17
- Wheel impact socket #21
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Pin punch
- Tap wrench
- Rubber mallet
- Crow bar
- Wheel chock

Replacement: brake discs – Toyota Prado J120. AUTODOC experts recommend:

- Replace the brake disks on the car Toyota Prado J120 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – TOYOTA PRADO J120. 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.

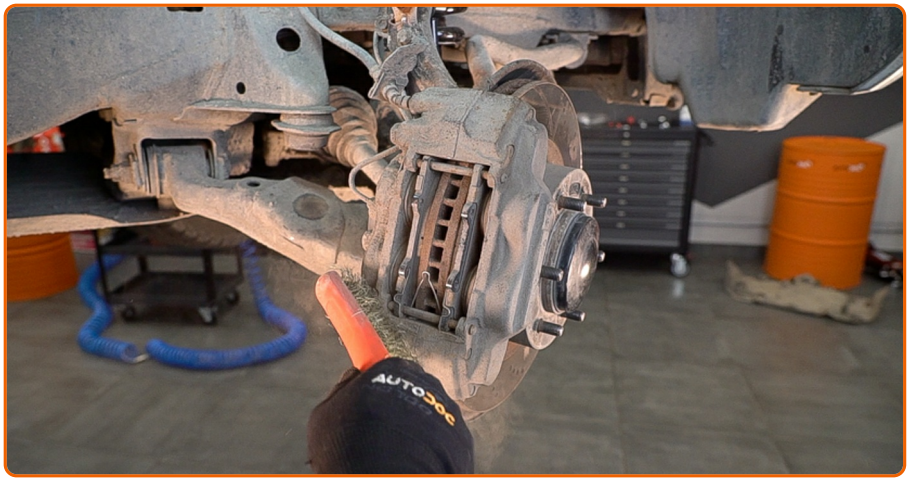
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Toyota Prado J120

6

Remove the wheel.

7



Clean the brake pads fasteners. Use a wire brush. Use a brake cleaner.

Replacement: brake discs – Toyota Prado J120. Tip:

- After applying the spray, wait a few minutes.

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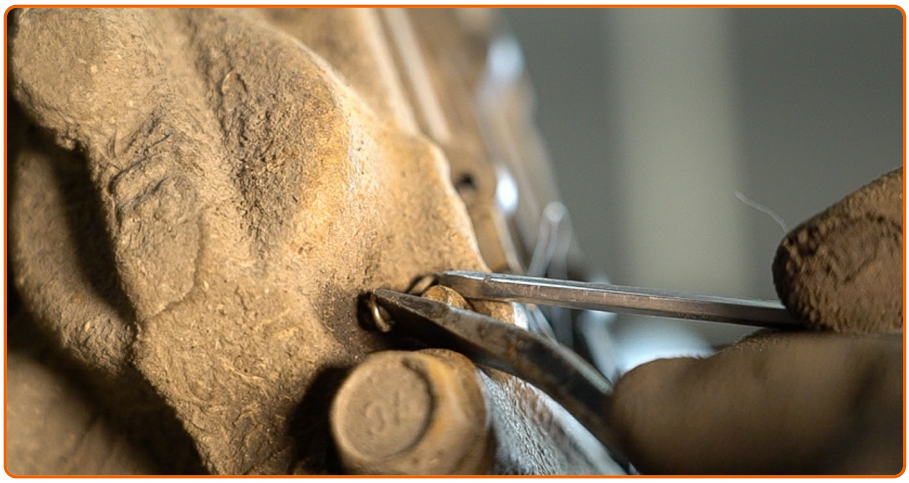

Remove the brake pads retaining clips. Use a crowbar. Use a flat screwdriver.

9

Remove the retainer of the brake pads. Use a pin punch. Use a rubber mallet.

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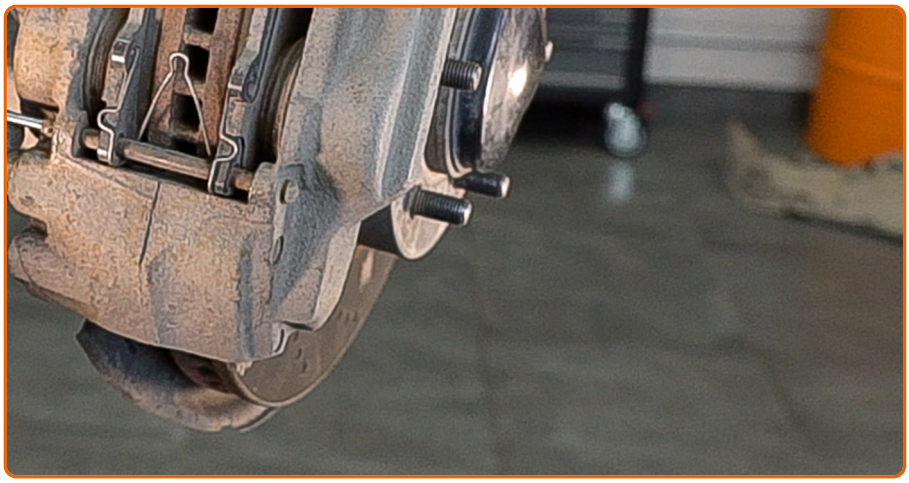

Remove the retaining spring of the brake pads.

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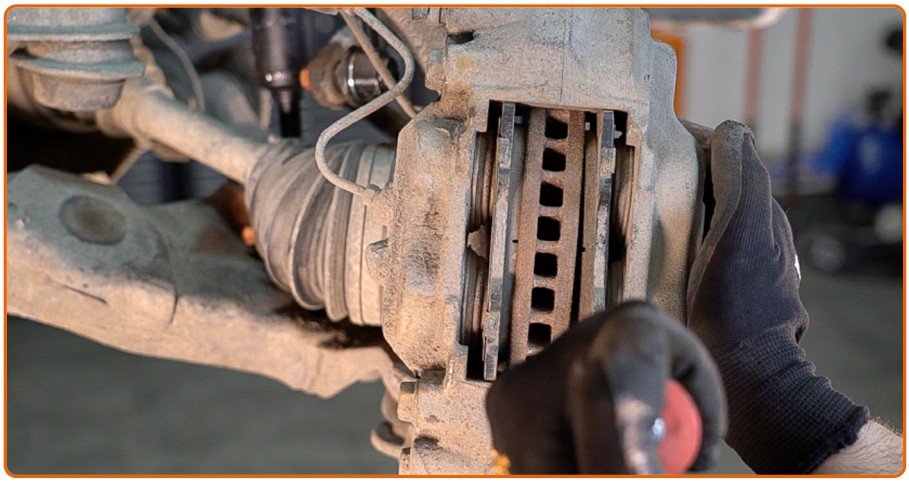
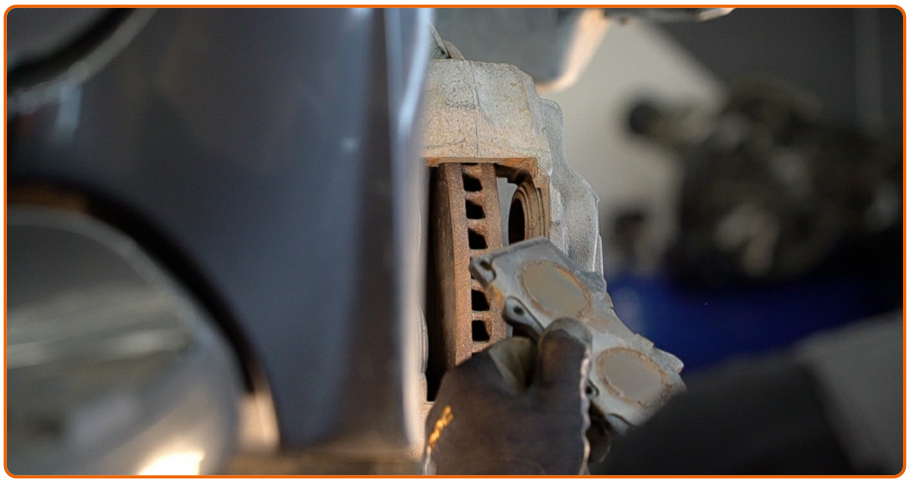


Spread the brake pads. Use a crowbar.

12

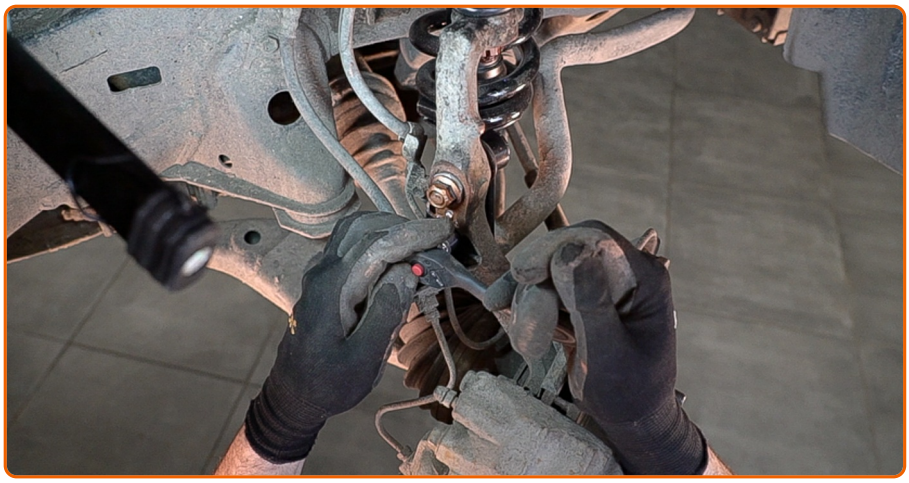


Remove the brake pads.

13

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

14



Disconnect the brake hose mounting bracket. Use a drive socket #12. Use a ratchet wrench.

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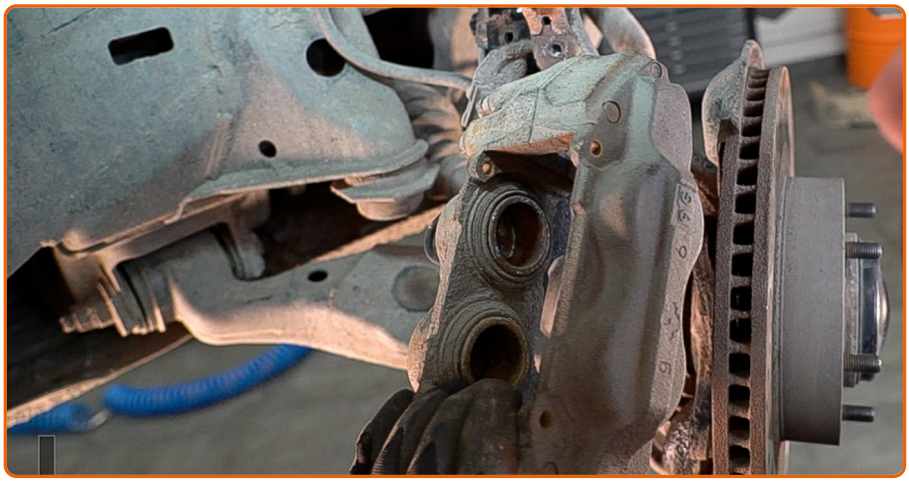
Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

16

Unscrew the brake caliper fastening. Use a drive socket #17. Use a tap wrench.

17



Remove the brake caliper.

Replacement: brake discs – Toyota Prado J120. AUTODOC recommends:

- 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.

18

Clean the brake disk surface. Use WD-40 spray.

19

Remove the brake disc. Use a rubber mallet.

20

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

21

Install the brake disc.

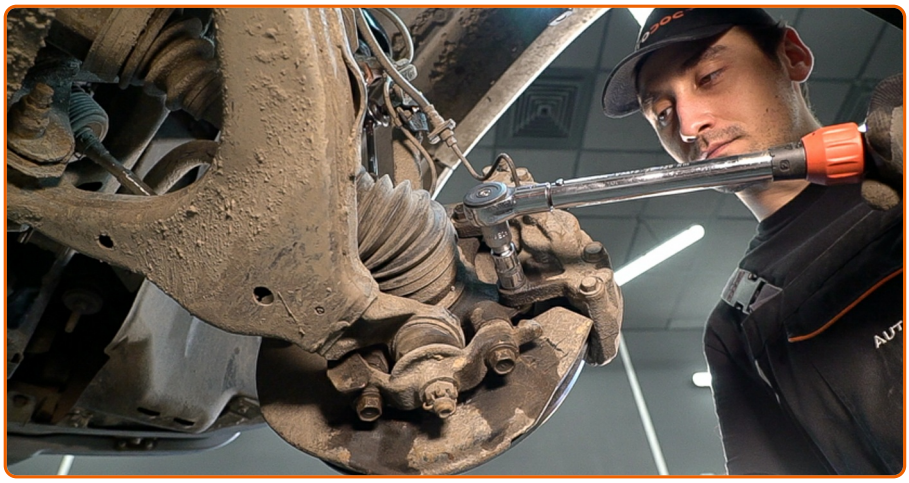
22

Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Toyota Prado J120. After applying the spray, wait a few minutes.

23



Install the brake caliper and fix it. Use a drive socket #17. Use a torque wrench. Tighten it to 80 Nm torque.

24

Secure the brake hose fastening bracket. Use a drive socket #12. Use a ratchet wrench.

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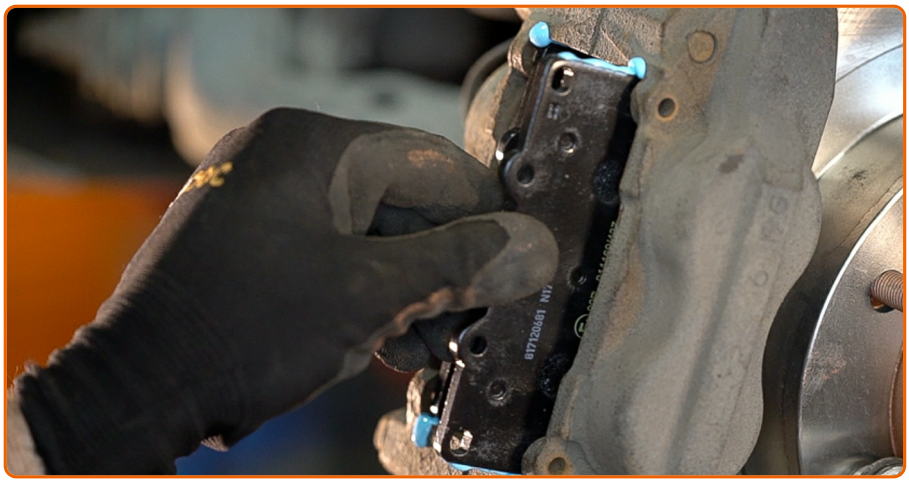

Install the brake pads.

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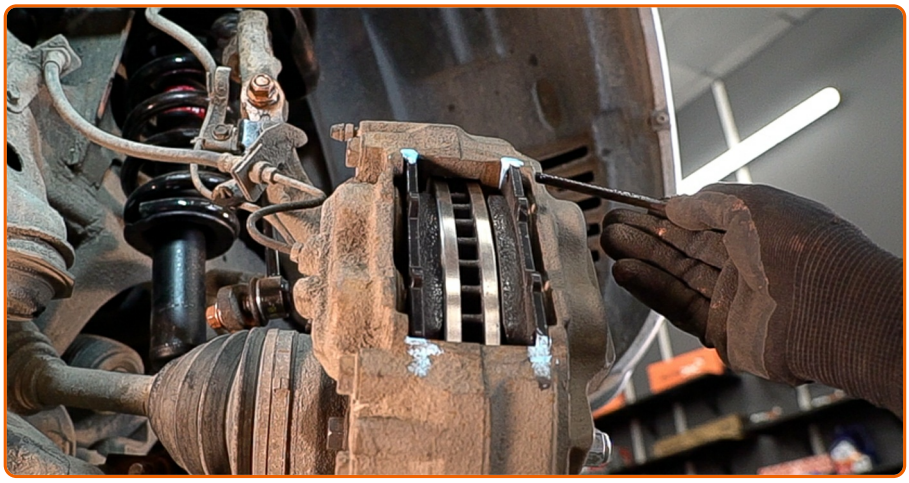


Install the retainer of the brake pads. Use a crowbar. Use a rubber mallet.

27

Install the retaining spring of the brake pads.

28

Install the brake pads retaining clips.

29

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

30

Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – Toyota Prado J120. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

31

Install the wheel.

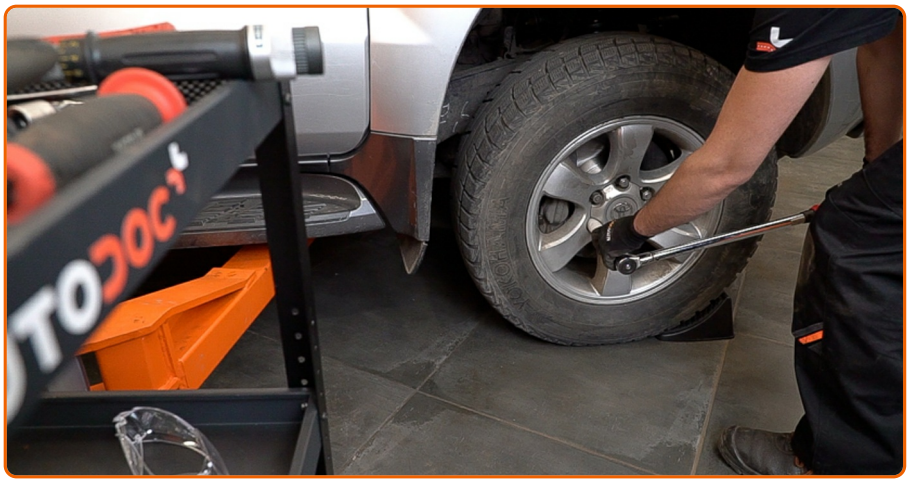
Replacement: brake discs – Toyota Prado J120. Tip from AUTODOC experts:

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

32

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

33



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

34

Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake discs – Toyota Prado J120. Check the brake fluid level in the reservoir and top up if necessary.

35

Tighten the brake fluid reservoir cap.

Replacement: brake discs – Toyota Prado J120. Tip:

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

36

Close the hood.

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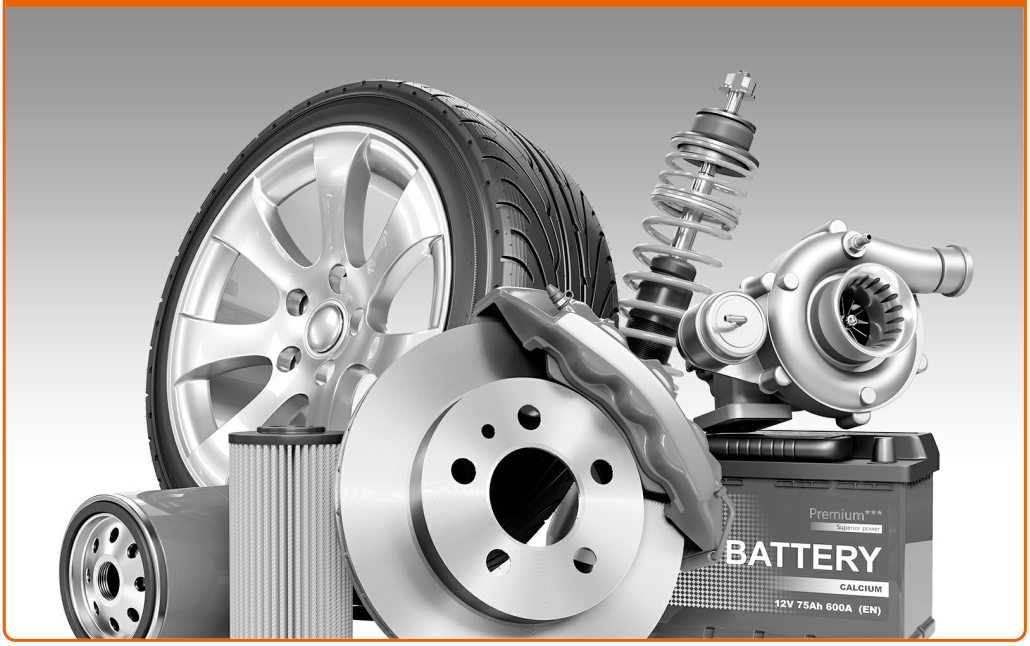

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