AUTODOC CLUB

How to change rear brake pads on **FORD Transit Mk6 Minibus (V347, V348)** – 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:
FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 2.2 TDCi, FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 2.2 TDCi RWD, FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 2.4 TDCi, FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 2.4 TDCi 4x4, FORD Transit Mk6 Bus (V347, V348, FD, FB, FS, FZ, FC) 3.2 TDCi

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: FORD Transit Mk6 Box (V347, V348, FA) 2.2 TDCi

REPLACEMENT: BRAKE PADS – FORD TRANSIT MK6 MINIBUS (V347, V348). LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- Nylon brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Electronic spray
- Ceramic grease
- Torque wrench
- 18 mm combination spanner
- 21 mm combination spanner
- 13 mm socket
- 21 mm wheel impact socket
- Ratchet wrench or power tool for removal/installation of threaded fasteners
- Tommy bar
- Brake caliper wind back tool
- Mounting lever
- Long nose pliers
- Car lift or jack with jack stands, and wheel chocks

Buy tools

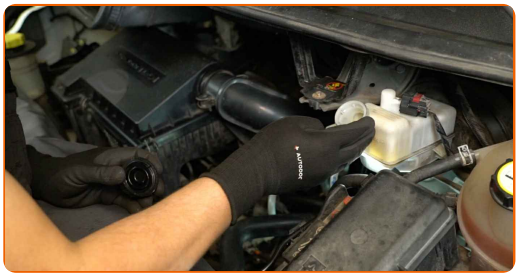
Replacement: brake pads – FORD Transit Mk6 Minibus (V347, V348). Tip from AUTODOC experts:

- Replace the brake pads in axle sets. This will ensure even braking.
- The procedure for replacing the brake pads is identical for both sides of the same axle.
- All the work should be carried out with the ignition switched off.

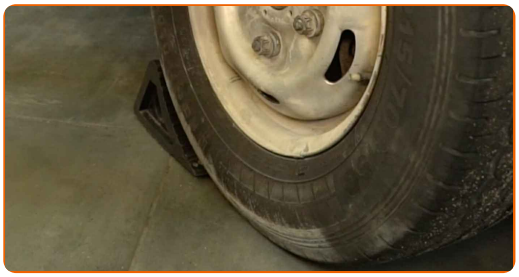
REPLACEMENT: BRAKE PADS – FORD TRANSIT MK6 MINIBUS (V347, V348). RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet.

2 Loosen the brake fluid reservoir cap.



3 Secure the wheels with chocks.



4 Loosen the wheel nuts. Use a 21 mm wheel impact socket. Use a tommy bar.

5 Raise the vehicle.

Warning!

- If you are using a jack, make sure the car is parked on a hard, flat surface.
- Make sure to additionally secure the car with jack stands.

6 Unscrew the wheel nuts.

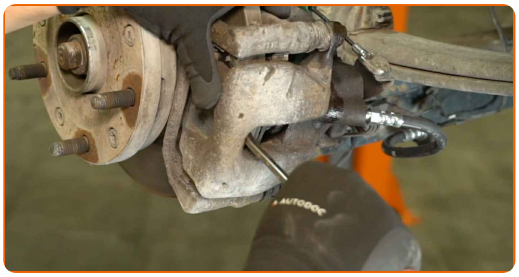
Replacement: brake pads – FORD Transit Mk6 Minibus (V347, V348). Tip:

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

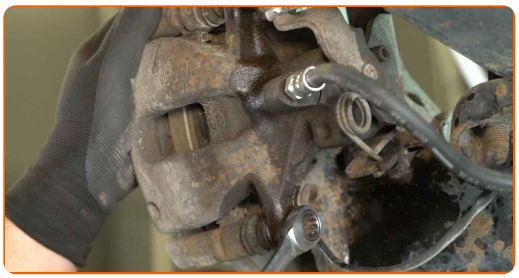
7 Remove the wheel.

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

9 Spread the brake pads apart. Use a mounting lever.



10 Unscrew the brake caliper fasteners. Use a 21 mm combination spanner.



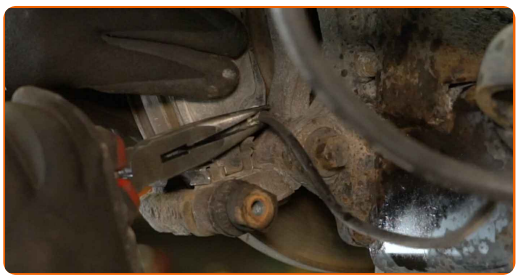
11 Remove the fastening bolts.

12 Remove the brake caliper.

AUTODOC expert recommendation:

- Tie the caliper to the suspension or to the body with a wire without disconnecting it from the brake hose to avoid opening the brake line.
- Make sure that the brake caliper is not hanging from the brake hose.
- Do not press the brake pedal after the caliper has been removed. This may cause the piston to fall out of the caliper bore resulting in the brake fluid leakage and air entering the system.

13 Disconnect the brake pad wear sensor. Use long nose pliers.



14 Remove the brake pads.

15 Clean the brake pad anti-rattle clips on the caliper bracket or replace them if necessary. Use a wire brush. Use a brake cleaner.

Replacement: brake pads – FORD Transit Mk6 Minibus (V347, V348). AUTODOC recommends:

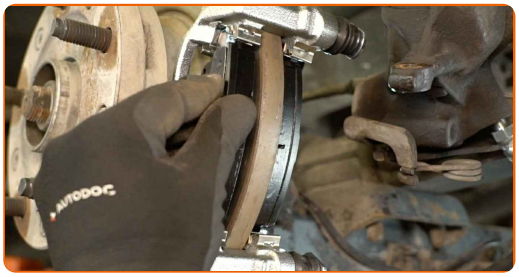
- Check the brake caliper bracket, guide pins, and boots. Clean the parts or replace them if necessary.

16 Clean the brake caliper piston. Use a nylon brush. Use a brake cleaner.

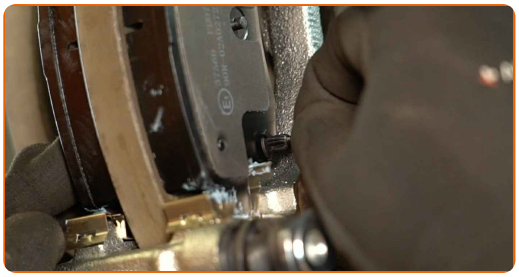
17 Retract the brake caliper piston. Use a brake caliper wind back tool.

18 Treat the brake pads in the areas where they touch the anti-rattle clips. Use anti-squeal paste.

19 Install new brake pads.

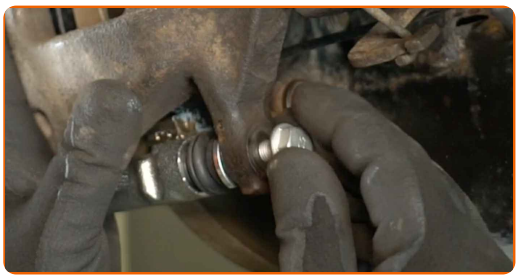


20 Attach the wear sensor to the inner pad.



21 Install the brake caliper.

22 Install the fastening bolts.



23 Tighten the brake caliper fasteners. Use an 18 mm combination spanner. Use a 13 mm socket. Use a torque wrench. Tightening torque: 31 N·m.

24 Clean the wheel rim mounting seat. Use a wire brush. Use an all-purpose cleaning spray.

25 Treat the wheel hub surface that contacts the wheel rim. Use ceramic grease.

26 Install the wheel.

Replacement: brake pads – FORD Transit Mk6 Minibus (V347, V348). Professionals recommend:

- To avoid injury, hold up the wheel when screwing on the fastening nuts.

27 Screw on the wheel nuts. Use a 21 mm wheel impact socket. Use a ratchet wrench.

28 Lower the car and tighten the wheel nuts in a criss-cross pattern. Use a 21 mm wheel impact socket. Use a torque wrench. Tightening torque: 200 N·m.

29 Remove the jack, jack stands, and wheel chocks.

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

31 Check the brake fluid level in the reservoir and top up if necessary.

32 Tighten the brake fluid reservoir cap.

33 Close the bonnet.

WELL DONE!

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