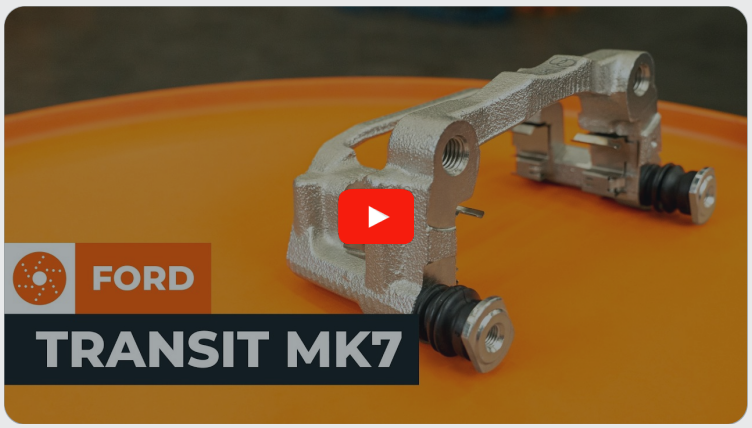
AUTODOC CLUB

How to change a rear brake caliper bracket on the **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

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 CALIPER BRACKET – FORD TRANSIT MK6 MINIBUS (V347, V348). TOOLS YOU'LL NEED:

- Wire brush
- Nylon brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Ceramic grease
- Torque wrench
- 13 mm combination spanner
- 15 mm combination spanner
- 18 mm combination spanner
- 13 mm socket
- 15 mm socket
- 21 mm wheel impact socket
- Ratchet wrench or power tool for the 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 caliper bracket – FORD Transit Mk6 Minibus (V347, V348). AUTODOC experts recommend:

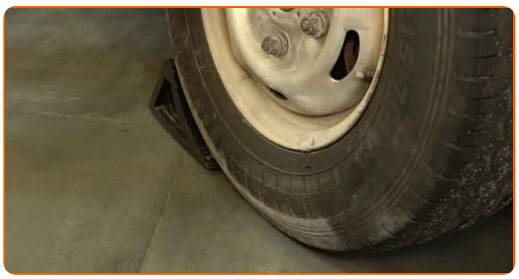
- All the work should be carried out with the ignition switched off.

REPLACEMENT: BRAKE CALIPER BRACKET – 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.

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

- 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.

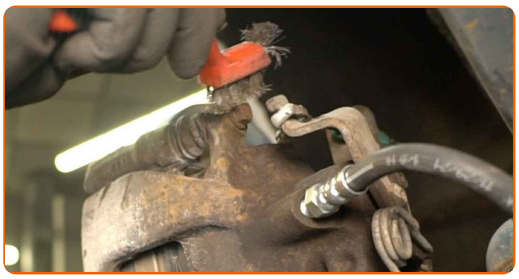
6 Unscrew the wheel nuts.

Caution!

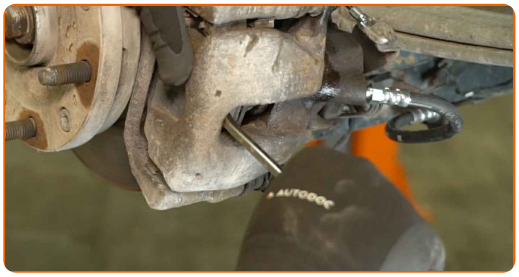
- To avoid injury, hold up the wheel when unscrewing the nuts.

7 Remove the wheel.

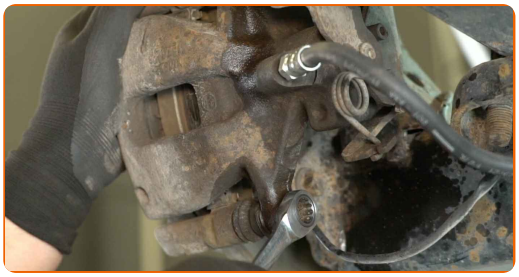
8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



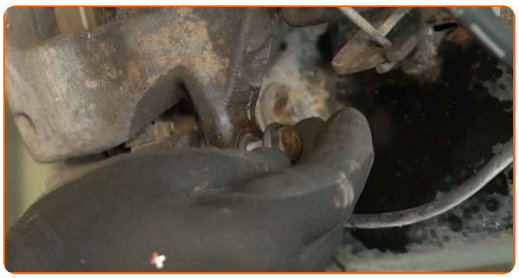
9 Spread the brake pads apart. Use a mounting lever.



10 Unscrew the brake caliper fasteners. Use a 13 mm combination spanner.



11 Remove the fastening bolts.



12 Remove the brake caliper.

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

- 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.

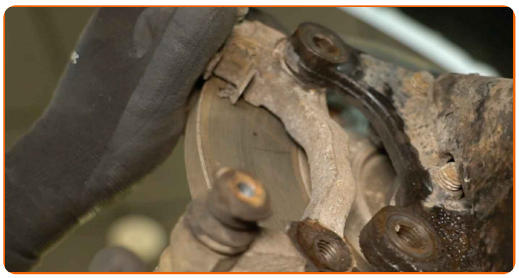
14 Remove the brake pads.

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

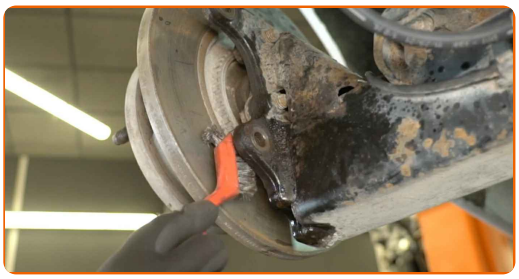
16 Unscrew the brake caliper bracket fasteners. Use an 15 mm combination spanner.

17 Remove the fastening bolts.

18 Remove the brake caliper bracket.

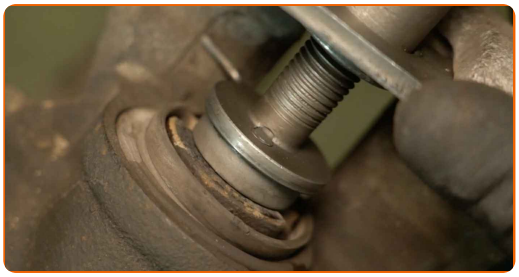


19 Clean the mounting seat of the brake caliper bracket. Use a wire brush. Use a brake cleaner.

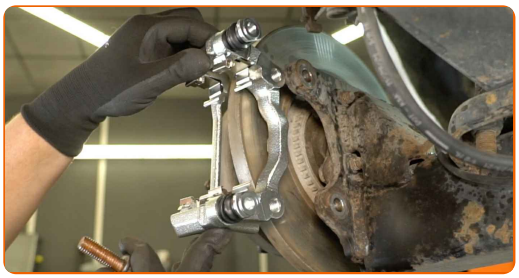


20 Treat the brake caliper piston. Use a nylon brush. Use a brake cleaner.

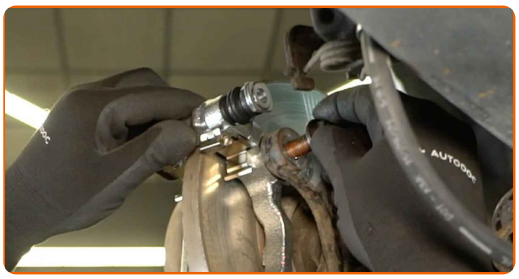
21 Retract the brake caliper piston. Use a brake caliper wind back tool.



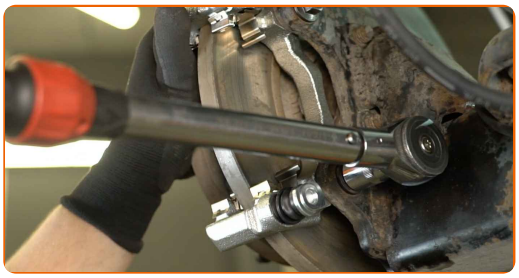
22 Install a new brake caliper bracket.



23 Install and screw in the fastening bolts.



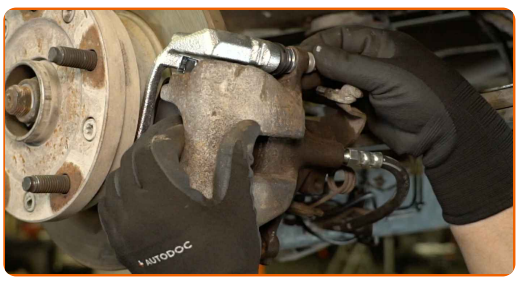
24 Tighten the fasteners of the brake caliper bracket. Use a 15 mm socket. Use a torque wrench. Tightening torque: 115 N·m.



25 Install the brake pads.

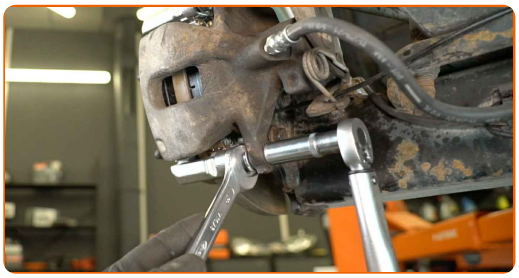
26 Install the wear sensor on the inner brake pad.

27 Install the brake caliper.



28 Install and screw in the fastening bolts.

29 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.



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

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

32 Install the wheel.

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

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

33 Screw on the wheel nuts. Use a 21 mm wheel impact socket. Use a ratchet wrench or power tool.

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

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

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

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

38 Tighten the brake fluid reservoir cap.

39 Close the bonnet.

WELL DONE!

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