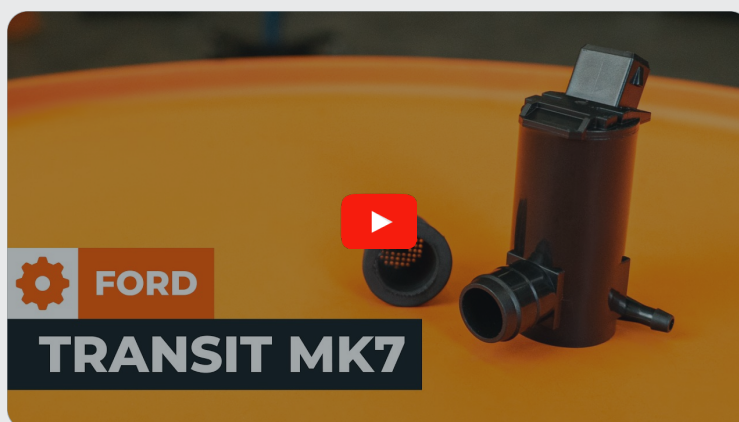




How to replace the
windscreen washer
pump on the **FORD
Transit Mk4 Minibus
(VE83)** – replacement
guide

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 Bus (E_ _) 2.5 DI, FORD TRANSIT Bus (E_ _) 2.5 TD, FORD TRANSIT Bus (E_ _) 2.0 (EBL, EBS, ECL, EDS, EDL, EGL, ESS, ESL, EUS), FORD TRANSIT Bus (E_ _) 2.0 CNG

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 MK-7 Box 2.2 TDCi

REPLACEMENT: WINDSCREEN WASHER PUMP – FORD TRANSIT MK4 MINIBUS (VE83). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon brush
- WD-40 spray
- All-purpose cleaning spray
- Electronic spray
- Ceramic grease
- Torque wrench
- 10 mm socket
- 21 mm wheel impact socket
- Ratchet wrench
- Tommy bar
- Mounting lever
- Hose removal pliers
- Fender cover
- Wheel chocks

Buy tools

Replacement: windscreen washer pump – FORD Transit Mk4 Minibus (VE83).
 AUTODOC recommends:

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

REPLACEMENT: WINDSCREEN WASHER PUMP – FORD TRANSIT MK4 MINIBUS (VE83). RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet.

2 Use a fender protection cover to avoid damaging the paintwork and plastic parts of the car.

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 car.

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.

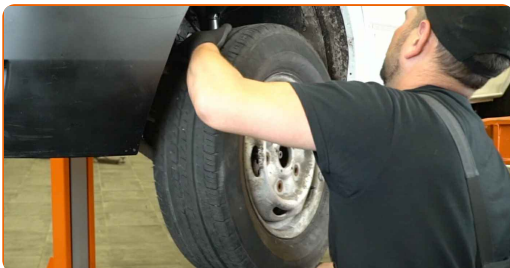


Replacement: windscreen washer pump – FORD Transit Mk4 Minibus (VE83).
Tip from AUTODOC experts:

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

7

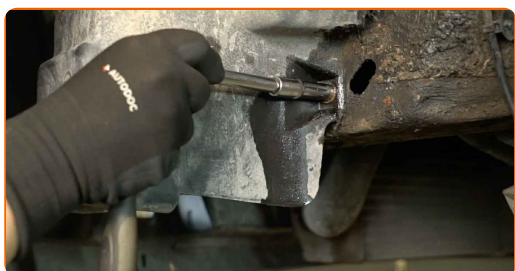
Remove the wheel.



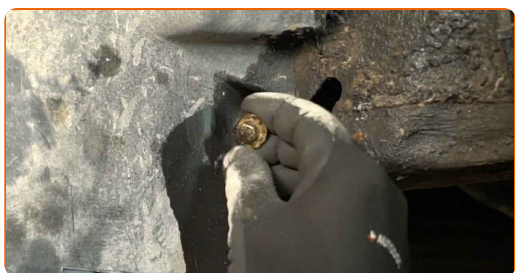
8 Clean the fastener of the windscreen washer reservoir's plastic cover. Use a wire brush. Use WD-40 spray.



9 Unscrew the fastening bolt of the windscreen washer reservoir's cover. Use a 10 mm socket. Use a ratchet wrench.



10 Remove the fastening bolt.



11 Remove the windscreen washer reservoir's cover.



12 Clean the windscreen washer pump. Use a nylon brush. Use an all-purpose cleaning spray.



13 Detach the connector from the windscreen washer pump. Use a mounting lever.



14 Put a container under the windscreen washer pump.



15 Detach the windscreen washer hose. Use hose removal pliers.



16 Remove the windscreen washer pump. Use hose removal pliers.



17 Remove the washer pump seal. Use a mounting lever.



18 Clean the mounting seat of the windscreen washer pump. Use an all-purpose cleaning spray.



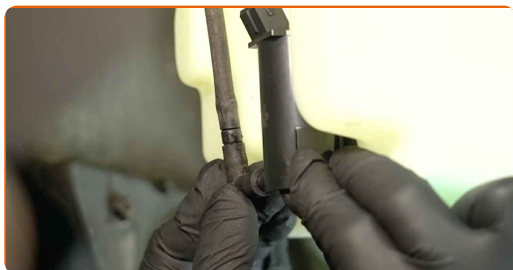
19 Install a new washer pump seal.



20 Install a new windscreen washer pump.



21 Attach the windscreen washer hose.



22 Treat the windscreen washer pump connector. Use an electronic spray.



23 Attach the windscreen washer pump connector.



24 Install the windscreen washer reservoir's cover.



25 Install the fastening bolt.



26 Screw in the fastening bolt of the windscreen washer reservoir's cover. Use a 10 mm socket. Use a ratchet wrench.



27

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



28

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



29

Install the wheel.



Replacement: windscreen washer pump – FORD Transit Mk4 Minibus (VE83).
Professionals recommend:

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

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



31 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.



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



33 Pour new washer fluid into the windscreen washer reservoir.



34 Remove the fender cover.

35 Close the bonnet.

36

Check that the new component is working.

WELL DONE! 

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WINDSCREEN WASHER PUMP: A WIDE SELECTION

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