



How to change front  
wiper motor on  
**Mercedes W124** –  
replacement guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:

MERCEDES-BENZ Saloon (W124) 200 2.0 (124.020), MERCEDES-BENZ Saloon (W124) 200 E 2.0 (124.021), MERCEDES-BENZ Saloon (W124) 230 E 2.3 (124.023), MERCEDES-BENZ Saloon (W124) 260 E 2.6 4-matic (124.226), MERCEDES-BENZ Saloon (W124) 260 E 2.6 (124.026), MERCEDES-BENZ Saloon (W124) 300 E 3.0 (124.030), MERCEDES-BENZ Saloon (W124) 300 E 3.0 4-matic (124.230), MERCEDES-BENZ Saloon (W124) 300 E 3.0 4-matic, MERCEDES-BENZ Saloon (W124) 300 E 3.0, MERCEDES-BENZ Saloon (W124) 200 D 2.0 (124.120), MERCEDES-BENZ Saloon (W124) 250 D 2.5 (124.125), MERCEDES-BENZ E-Class Saloon (W124) E 250 D (124.126, 124.129), MERCEDES-BENZ Saloon (W124) 250 2.5 Turbo diesel (124.128), MERCEDES-BENZ Saloon (W124) 300 D 3.0 (124.130), MERCEDES-BENZ Saloon (W124) 300 D 3.0 4-matic (124.330), (+ 72)

The steps may slightly vary depending on the car design.

REPLACEMENT: WIPER MOTOR – MERCEDES W124.  
 TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Dielectric grease
- Torque wrench
- Drive socket # 10
- Drive socket # 13
- Ratchet wrench
- Ruler
- Phillips screwdriver
- Microfibre towel
- Fender cover

**BUY TOOLS**

Replacement: wiper motor – Mercedes W124. AUTODOC experts recommend:

- All work should be done with the engine stopped.

## REPLACEMENT: WIPER MOTOR – MERCEDES W124. USE THE FOLLOWING PROCEDURE:

**1** Open the bonnet.



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

**3** Remove the seal of the windscreen wiper scuttle tray.



**4** Remove the central element that holds the seal of the windscreen wiper scuttle tray.



**5** Remove the windscreen rubber moulding.



**6** Unscrew the fasteners of the drain. Use a Phillips screwdriver.



**7** Dismantle the side drains.



**8** Remove the central part of the drain.



**9** Cover the cabin filter with a microfibre cloth to prevent dirt and foreign objects from getting in.



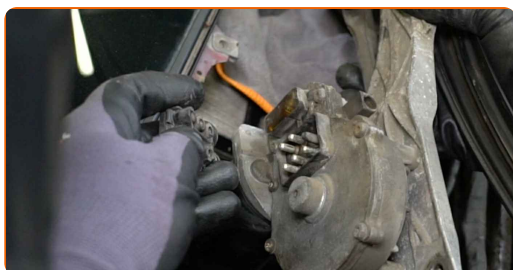
**10** Clean the windscreen wiper mechanism fasteners. Use a wire brush. Use WD-40 spray.



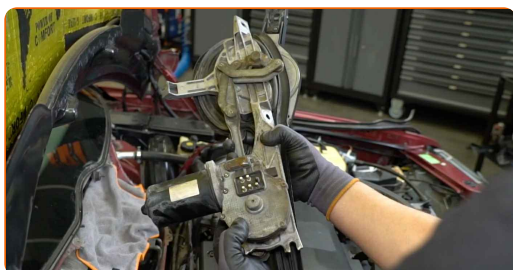
**11** Unscrew the windscreen wiper mechanism fasteners. Use a drive socket #10. Use a ratchet wrench.



**12** Unplug the wiper motor connector.



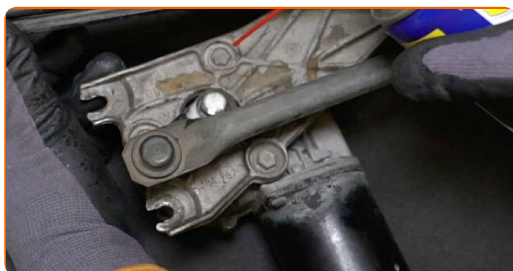
**13** Dismantle the windscreen wiper mechanism.



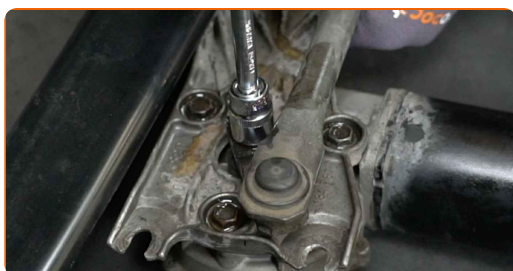
**14** Draw a mark indicating the wiper linkage installation angle. Use a ruler.



**15** Clean the wiper motor fasteners. Use a wire brush. Use WD-40 spray.



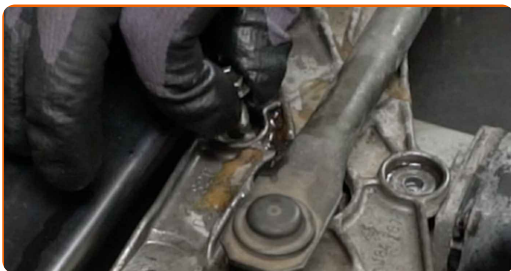
**16** Unscrew the fastener connecting the linkage to the wiper motor shaft. Use a drive socket #13. Use a ratchet wrench.



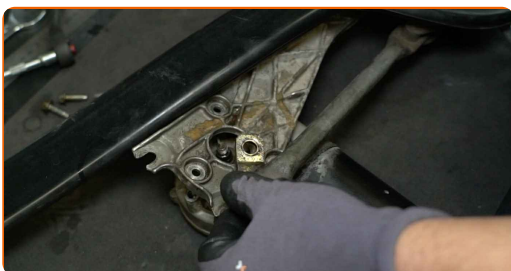
**17** Unscrew the wiper motor fasteners. Use a drive socket #10. Use a ratchet wrench.



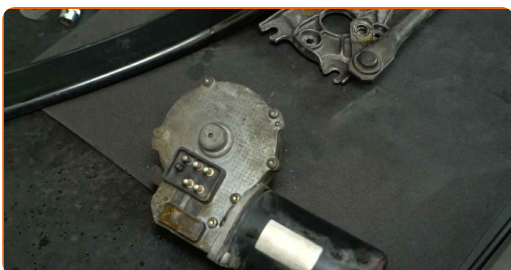
**18** Remove the fastening bolts.



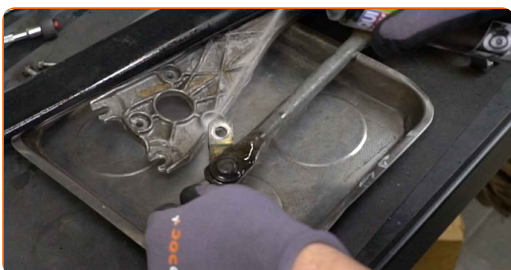
**19** Detach the wiper linkage from the motor shaft.



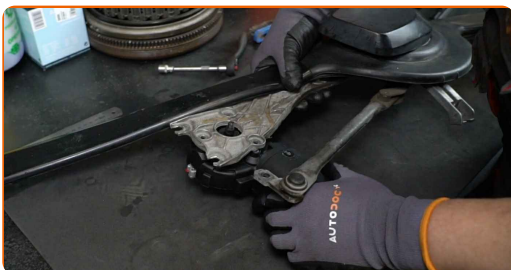
**20** Dismantle the wiper motor.



**21** Clean the wiper motor mounting seat. Use a wire brush. Use all-purpose cleaning spray.



**22** Install a new wiper motor.

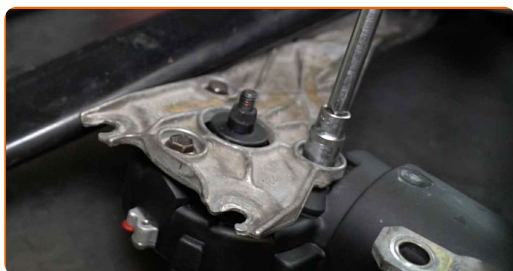




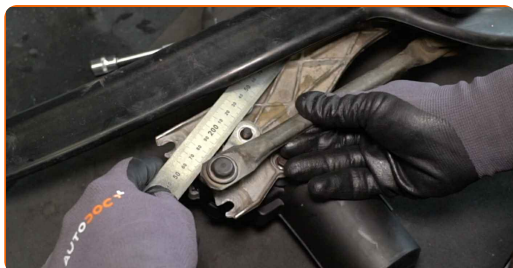
**23** Install the fastening bolts.



**24** Tighten the wiper motor fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 13 Nm torque.



**25** Install the wiper linkage on the motor shaft. Use a ruler.



**Replacement: wiper motor – Mercedes W124. Professionals recommend:**

- Align the wiper linkage with the mark you made previously to install it correctly in relation to the wiper motor shaft.

- 26 Tighten the fastener connecting the linkage to the wiper motor shaft. Use a drive socket #13. Use a torque wrench. Tighten it to 21 Nm torque.



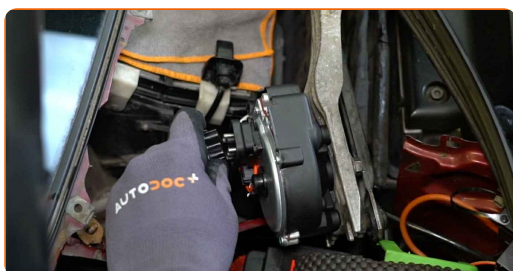
- 27 Clean the wiper motor connector. Use dielectric grease.



- 28 Clean the mounting seat of the windscreen wiper mechanism. Use a wire brush. Use all-purpose cleaning spray.



- 29 Install the windscreen wiper mechanism.



**30** Attach the connector to the wiper motor.



**31** Tighten the windscreen wiper mechanism fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 13 Nm torque.



**32** Remove the microfibre cloth from the cabin filter.



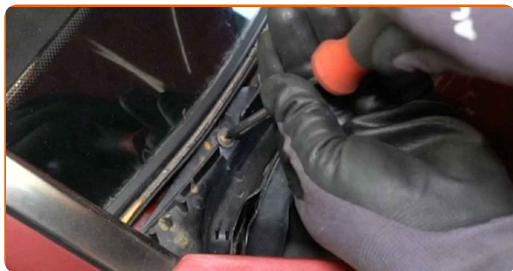
**33** Install the central part of the drain.



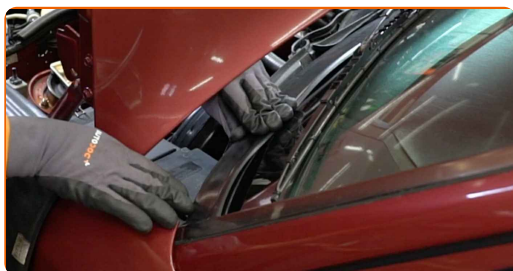
**34** Install the side drains.



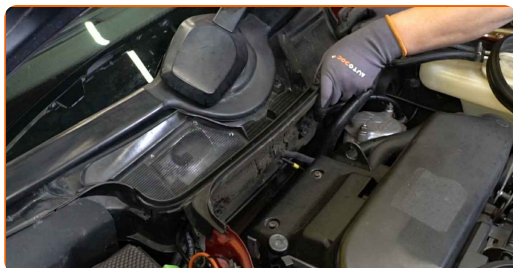
**35** Screw in the fasteners of the drain. Use a Phillips screwdriver.



**36** Install the windscreen rubber moulding.



**37** Install the central element that holds the seal of the windscreen wiper scuttle tray.



**38** Install the seal of the windscreen wiper scuttle tray.



**39** Remove the fender protection cover.

40

Close the hood.



41

Switch on the ignition. This is necessary in order to make sure that the component operates properly.



42

Switch off the ignition.

**WELL DONE!** [VIEW MORE TUTORIALS](#)

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