



How to change front  
wiper motor on  
**MERCEDES-BENZ E-  
Class T-modell (S124)** –  
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:

MERCEDES-BENZ E-Class T-modell (S124) E 300 TD (124.191), MERCEDES-BENZ E-Class T-modell (S124) E 200 T (124.079), MERCEDES-BENZ E-Class T-modell (S124) E 220 T (124.082), MERCEDES-BENZ E-Class T-modell (S124) E 320 T (124.092), MERCEDES-BENZ E-Class T-modell (S124) E 250 TD (124.186), MERCEDES-BENZ E-Class T-modell (S124) E 280 T (124.088), MERCEDES-BENZ E-Class T-modell (S124) E 36 T AMG (124.092), MERCEDES-BENZ E-Class T-modell (S124) E 300 T Turbo-D (124.193), MERCEDES-BENZ E-Class T-modell (S124) E 300 T 4-matic (124.290), MERCEDES-BENZ E-Class T-modell (S124) E 300 T Turbo-D 4-matic (124.393), MERCEDES-BENZ E-Class T-modell (S124) E 250 Turbo D

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: MERCEDES-BENZ E-Class Saloon (W124) E 250 D (124.126, 124.129)

**REPLACEMENT: WIPER MOTOR – MERCEDES-BENZ E-CLASS T-MODELL (S124). 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-BENZ E-Class T-modell (S124).  
AUTODOC experts recommend:

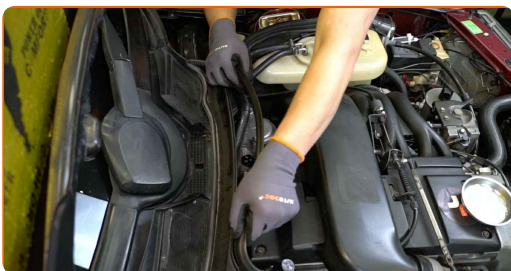
- All work should be done with the engine stopped.

## REPLACEMENT: WIPER MOTOR – MERCEDES-BENZ E-CLASS T-MODELL (S124). 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.



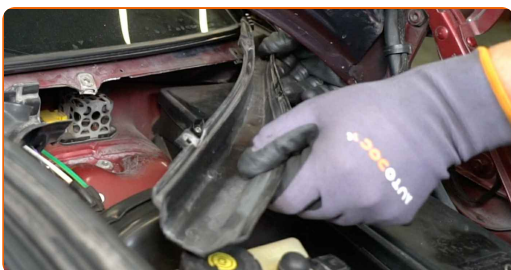
**5** Remove the windscreen rubber moulding.



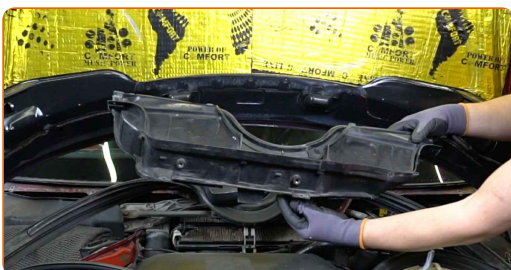
**6** Unscrew the fasteners of the drain. Use a Phillips screwdriver.



**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.



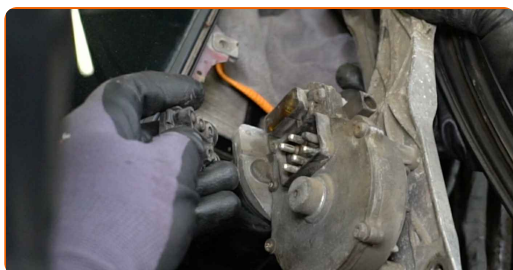
**10** Clean the windscreen wiper mechanism fasteners. Use a wire brush. Use WD-40 spray.



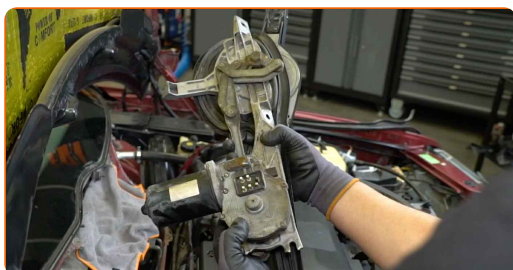
**11** Unscrew the windscreen wiper mechanism fasteners. Use a drive socket #10. Use a ratchet wrench.



**12** Unplug the wiper motor connector.



**13** Dismantle the windscreen wiper mechanism.

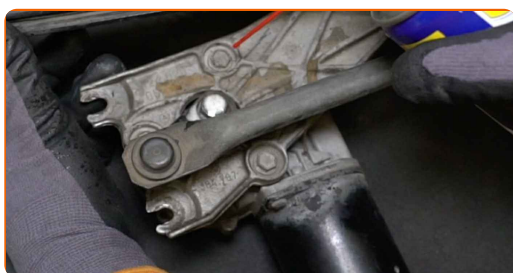




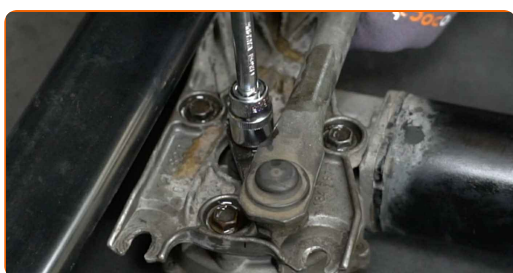
**14** Draw a mark indicating the wiper linkage installation angle. Use a ruler.



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



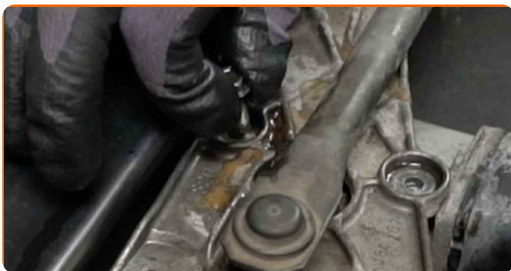
**16** Unscrew the fastener connecting the linkage to the wiper motor shaft. Use a drive socket #13. Use a ratchet wrench.



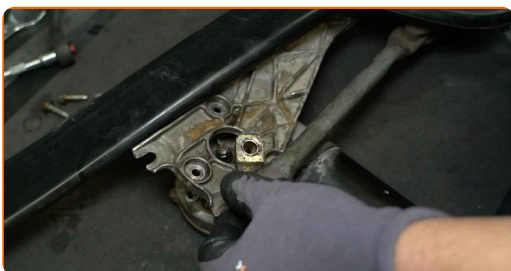
**17** Unscrew the wiper motor fasteners. Use a drive socket #10. Use a ratchet wrench.



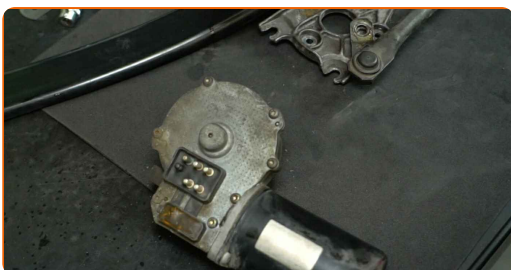
**18** Remove the fastening bolts.



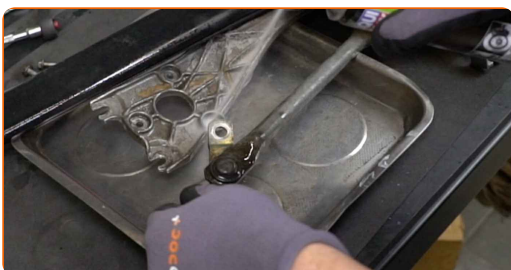
**19** Detach the wiper linkage from the motor shaft.



**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.





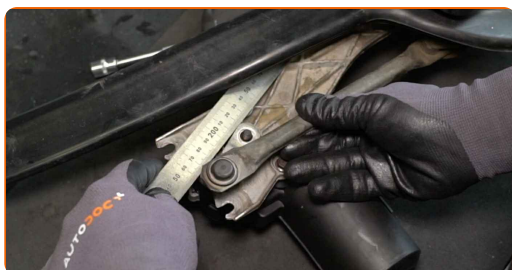
**23** Install the fastening bolts.



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



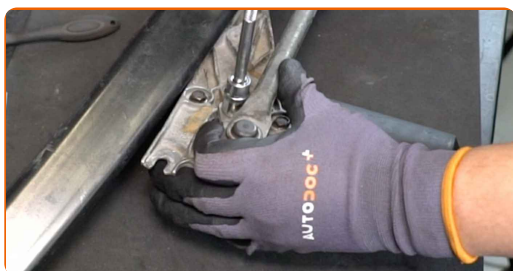
**25** Install the wiper linkage on the motor shaft. Use a ruler.



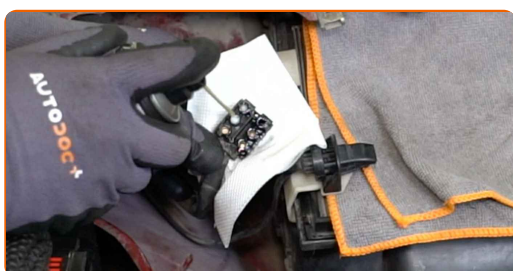
Replacement: wiper motor – MERCEDES-BENZ E-Class T-modell (S124).  
Professionals recommend:

- 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.



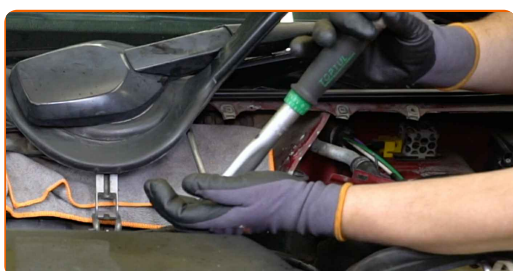
- 29 Install the windscreen wiper mechanism.



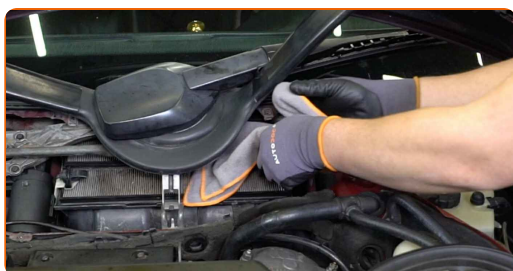
**30** Attach the connector to the wiper motor.



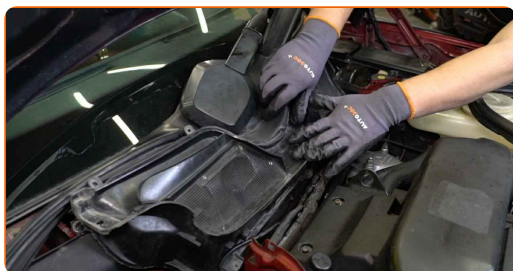
**31** Tighten the windscreen wiper mechanism fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 13 Nm torque.



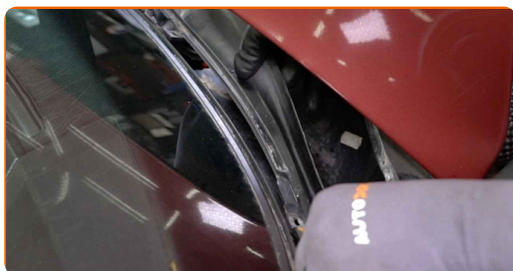
**32** Remove the microfibre cloth from the cabin filter.



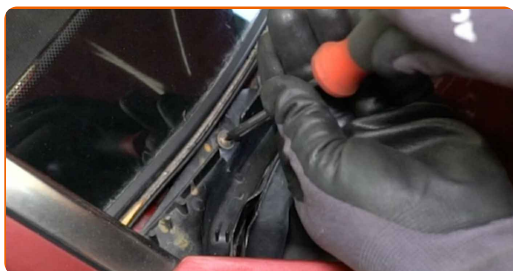
**33** Install the central part of the drain.



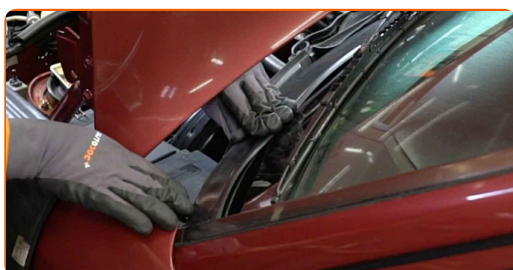
**34** Install the side drains.



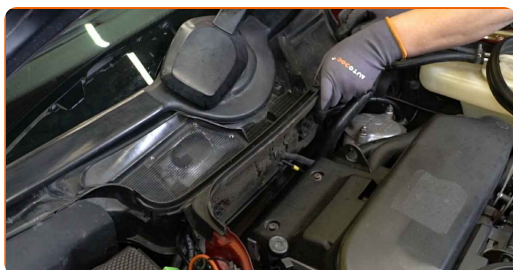
**35** Screw in the fasteners of the drain. Use a Phillips screwdriver.



**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!** 

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