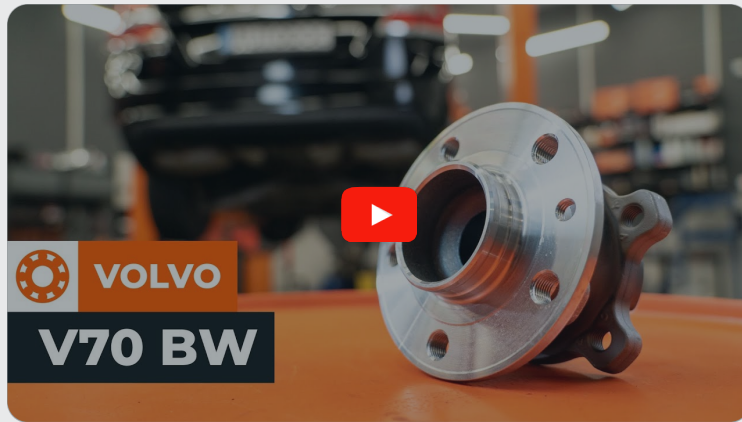




How to change rear  
wheel bearing on **VOLVO**  
**S80 II (124)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

#### **Important!**

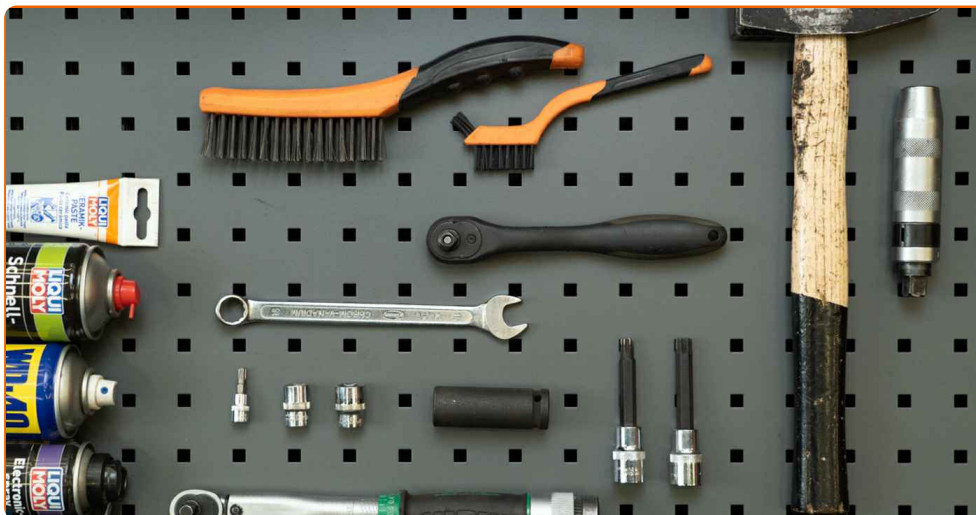
This replacement procedure can be used for:

VOLVO S80 II (124) 1.6 T4, VOLVO S80 II (124) 2.0 T5, VOLVO S80 II (124) 2.0 D3 / D4, VOLVO S80 II (124) 3.2, VOLVO S80 II (124) 1.6 DRIVe, VOLVO S80 II (124) 2.4 D5, VOLVO S80 II (124) 1.6 T4F, VOLVO S80 II (124) 2.5 T, VOLVO S80 II (124) 2.4 D, VOLVO S80 II (124) 3.0 T6 AWD, VOLVO S80 II (124) 2.5 T FlexFuel, VOLVO S80 II (124) 2.0 FlexFuel, VOLVO S80 II (124) 2.0 TDi, VOLVO S80 II (124) 1.6 D DRIVe, VOLVO S80 II (124) 2.0 T, (+ 1)

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: VOLVO V70 III (135) 2.0 FlexiFuel

**REPLACEMENT: WHEEL BEARING – VOLVO S80 II (124).  
LIST OF THE TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Ceramic grease
- Torque wrench
- Combination spanner #15
- Drive socket # 13
- Drive socket # 15
- Torx bit T25
- Torx bit T50
- Torx bit T55
- Wheel impact socket #19
- Ratchet wrench
- Tap wrench
- Hammer
- Impact screwdriver
- Wheel chock

**Buy tools**

**Replacement: wheel bearing – VOLVO S80 II (124). AUTODOC recommends:**

- Do not re-use the bearing assembly of your VOLVO S80 II (124) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

**REPLACEMENT: WHEEL BEARING – VOLVO S80 II (124). USE THE FOLLOWING PROCEDURE:**

**1** Secure the wheels with chocks.

**2** Loosen the wheel bolts. Use wheel impact socket #19. Use a tap wrench.

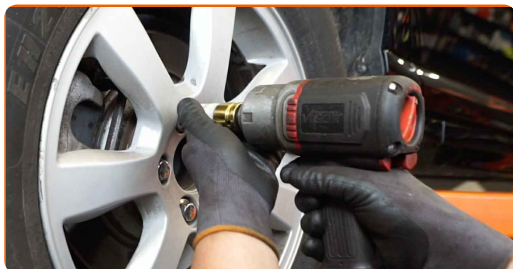


**3** Raise the car.

**AUTODOC recommends:**

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

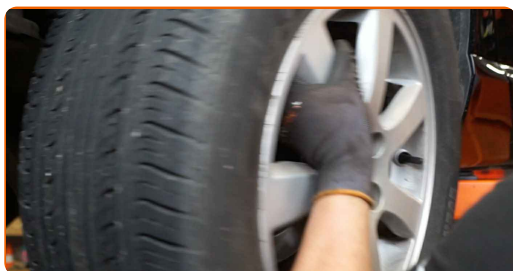
**4** Unscrew the wheel bolts.



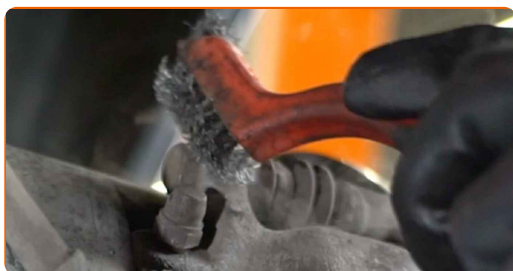
Replacement: wheel bearing – VOLVO S80 II (124). Tip:

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

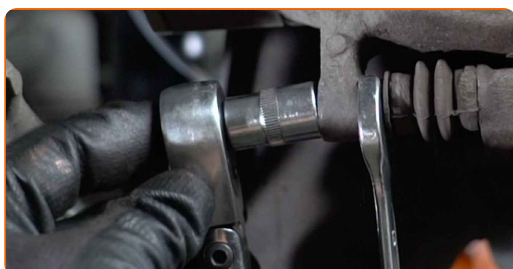
**5** Remove the wheel.



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



**7** Unscrew the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



8

Remove the fastening bolts.



9

Remove the brake caliper.

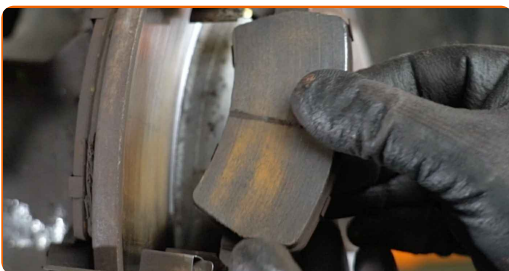


Replacement: wheel bearing – VOLVO S80 II (124). AUTODOC experts recommend:

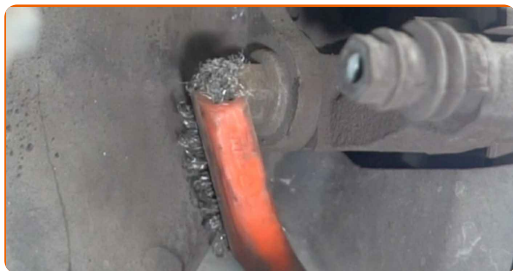
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

10

Remove the brake pads.



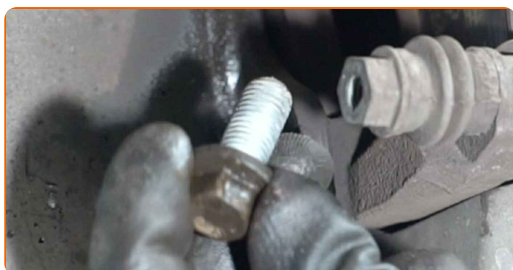
**11** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



**12** Unscrew the brake caliper bracket fasteners. Use a drive socket #15. Use a ratchet wrench.



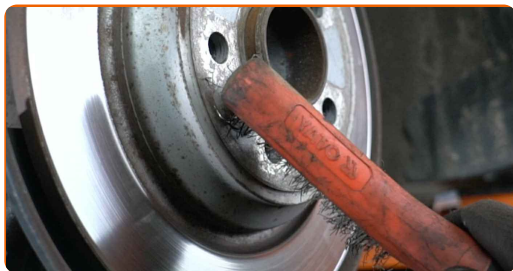
**13** Remove the fastening bolts.



**14** Remove the brake caliper bracket.



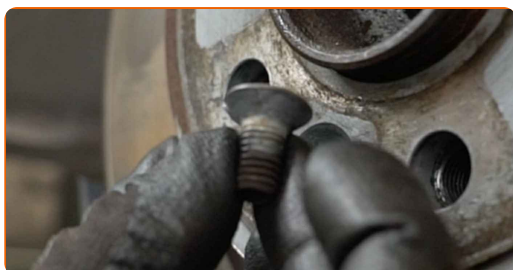
**15** Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



**16** Unscrew the brake disc fasteners. Use Torx T50. Use an impact screwdriver. Use a hammer.



**17** Remove the fastening bolt.



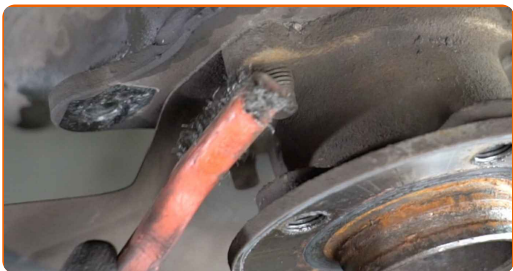
**18** Remove the brake disc.



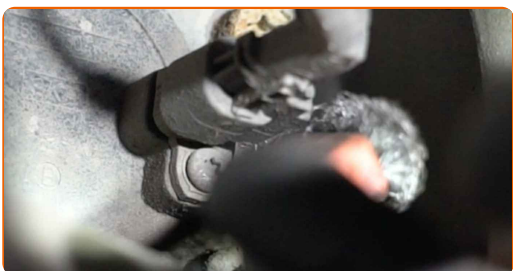


**19**

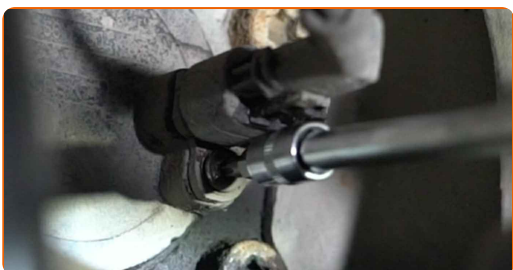
Clean the wheel hub fasteners. Use a wire brush. Use WD-40 spray.

**20**

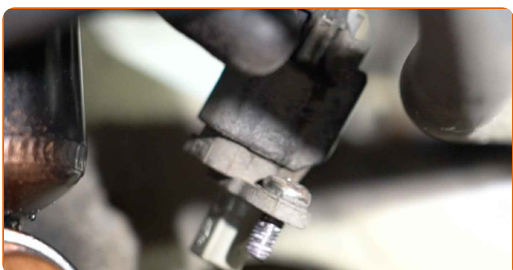
Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.

**21**

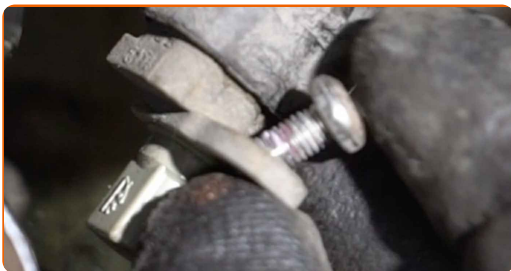
Unscrew the ABS sensor fastener. Use Torx T25. Use a ratchet wrench.

**22**

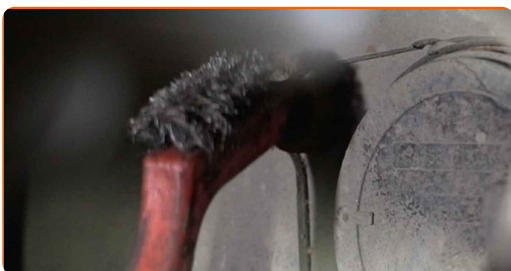
Disconnect the ABS sensor.



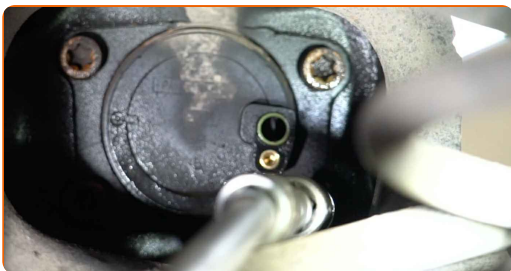
**23** Remove the fastening bolt.



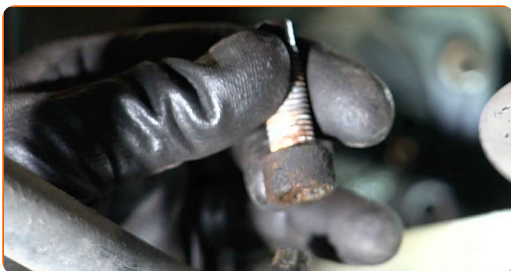
**24** Clean the wheel hub fasteners. Use a wire brush. Use WD-40 spray.



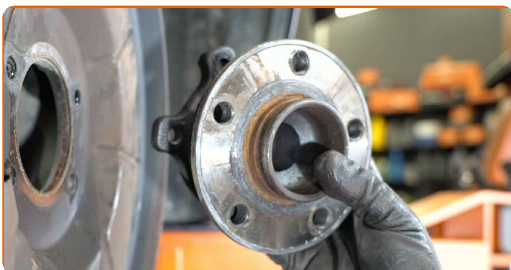
**25** Unscrew the wheel hub fasteners. Use Torx T55. Use a ratchet wrench.



**26** Remove the fastening bolts.



**27** Remove the hub and the bearing together, since they are made as an assembly.

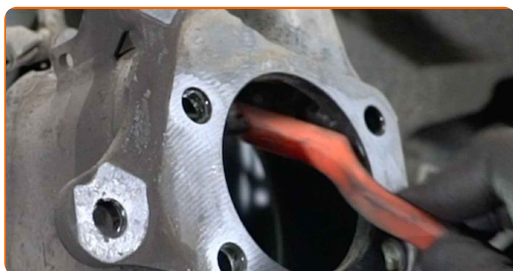


**28**

Remove the brake disc cover.

**29**

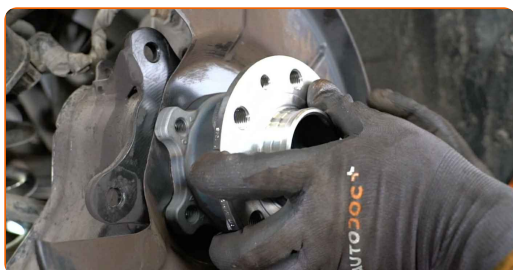
Clean the wheel hub mounting seat. Use a wire brush.

**30**

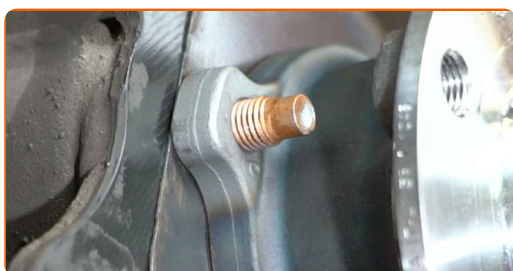
Install the brake disc cover.

**31**

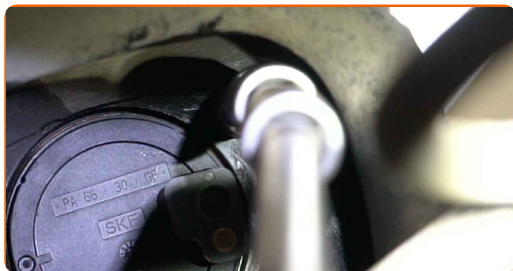
Install the new wheel hub together with the bearing.

**32**

Install the fastening bolts.



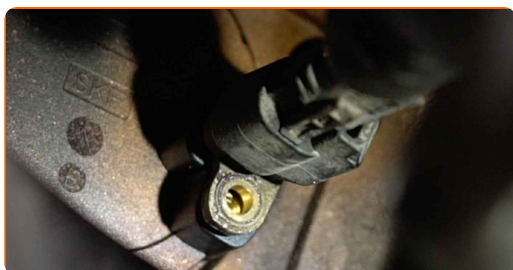
**33** Tighten the wheel hub fasteners. Use Torx T55. Use a torque wrench. Tighten it to 110 Nm torque.



**34** Clean the ABS sensor. Use all-purpose cleaning spray.

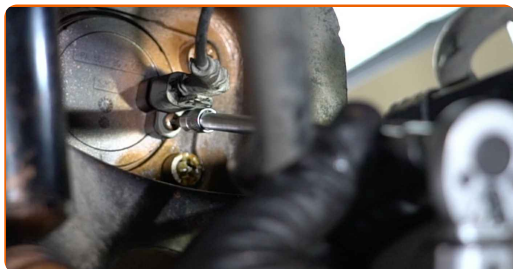


**35** Connect the ABS sensor.



**36** Install the fastening bolt.

**37** Tighten the ABS sensor fastener. Use Torx T25. Use a torque wrench. Tighten it to 5 Nm torque.



**38** Treat the hub where it contacts the brake disk. Use ceramic grease.

**39** Install the brake disc.



**40** Install the fastening bolt.

**41** Tighten the brake disc fasteners. Use Torx T50. Use a torque wrench. Tighten it to 15 Nm torque.



**42** Clean the brake caliper bracket of dirt and dust. Use a wire brush. Use a brake cleaner.

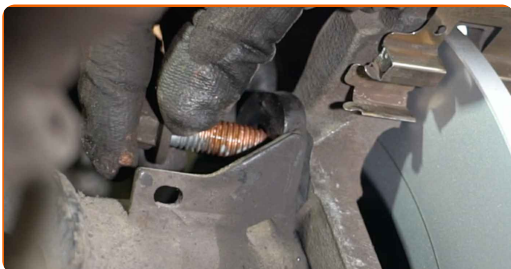
**Replacement: wheel bearing – VOLVO S80 II (124). Tip from AUTODOC:**

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

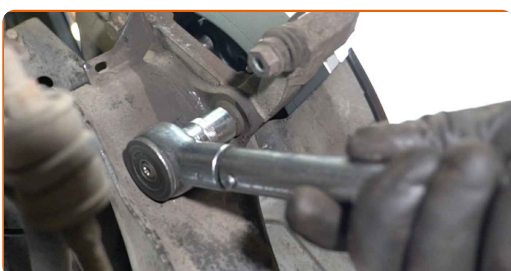
**43** Install the brake caliper bracket.



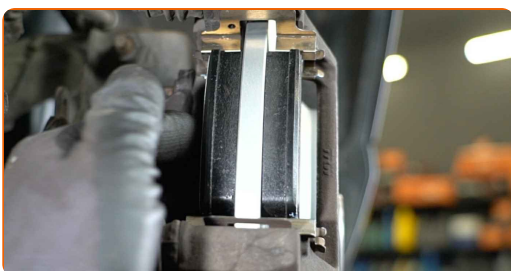
**44** Install the fastening bolts.



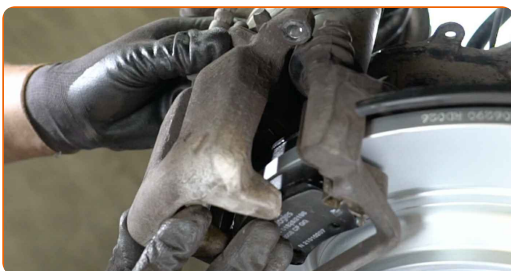
**45** Tighten the brake caliper bracket fasteners. Use a drive socket #15. Use a torque wrench. Tighten it to 110 Nm torque.



**46** Install the brake pads.



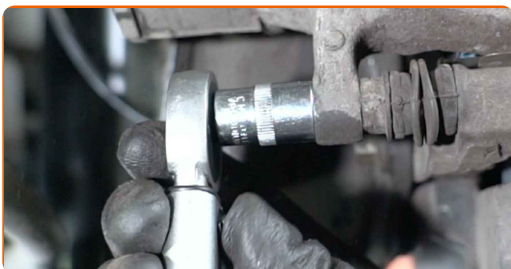
**47** Install the brake caliper and fasten it.



**48** Install the fastening bolts.



- 49 Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



- 50 Clean the wheel rim mounting seat. Use a wire brush.

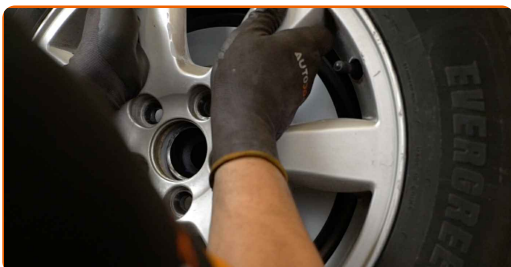


- 51 Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.

- 52 Clean the brake disk surface. Use a brake cleaner.



- 53 Install the wheel.

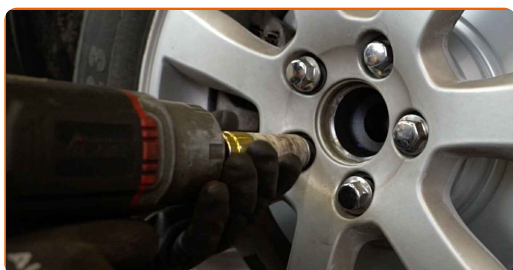


**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. VOLVO S80 II (124)

**54**

Screw in the wheel bolts. Use wheel impact socket #19. Use a ratchet wrench.



**55**

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 140 Nm torque.



**56**

Remove the jacks and chocks.



**WELL DONE!** 

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