



How to change rear
wheel bearing on **VW**
Sharan VAN (7M) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

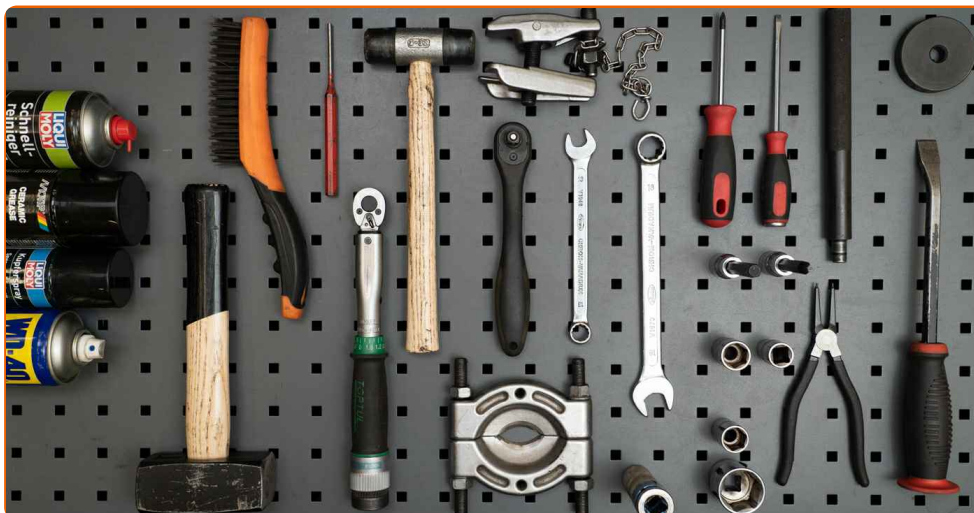
This replacement procedure can be used for:

VW Sharan VAN (7M) 2.0 (7M8, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M8, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M8), VW Sharan VAN (7M) 1.9 TDI (7M6, 7M9), VW Sharan VAN (7M) 1.9 TDI (7M9)

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: VW SHARAN (7M8, 7M9, 7M6) 1.9 TDI

REPLACEMENT: WHEEL BEARING – VW SHARAN VAN (7M). TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Electronic spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Ceramic grease
- Copper grease
- Torque wrench
- Combination spanner #15
- Combination spanner #24
- Drive socket # 13
- Drive socket # 18
- Drive socket # 24
- HEX bit no.H6
- Wheel impact socket #19
- Bearing separator
- Hub slide hammer puller
- Ratchet wrench
- Circlip pliers
- Tap wrench
- Bush and bearing driver set
- Bearing driver tool set
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

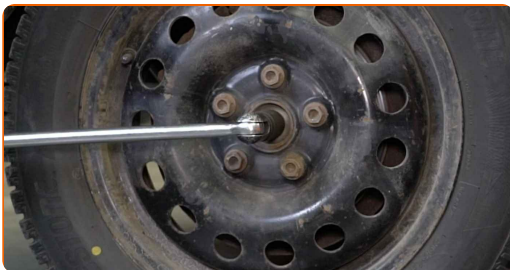
- Do not re-use the bearing assembly of your VW Sharan VAN (7M) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – VW Sharan VAN (7M) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

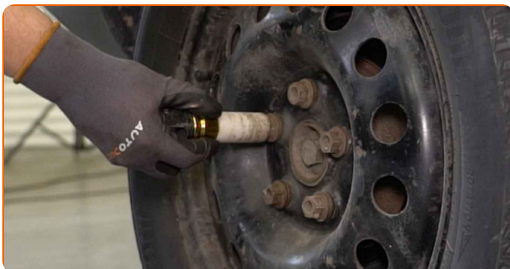
1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel hub fastener. Use a drive socket #24. Use a tap wrench.



4 Loosen the wheel mounting bolts. Use wheel impact socket #19.



5

Raise the car.



Replacement: wheel bearing – VW Sharan VAN (7M). AUTODOC experts recommend:

- 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.

6

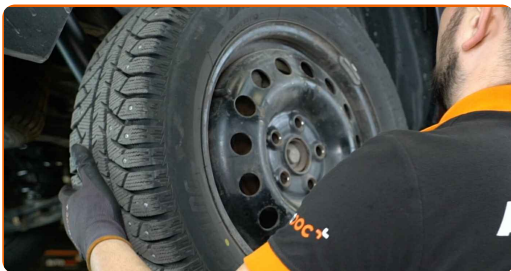
Unscrew the wheel bolts.



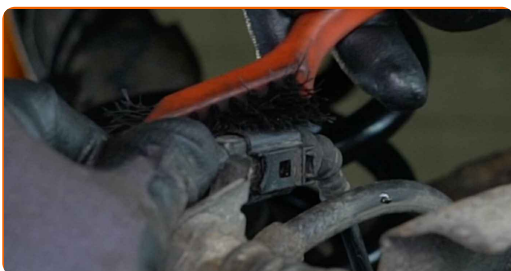
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Sharan VAN (7M)

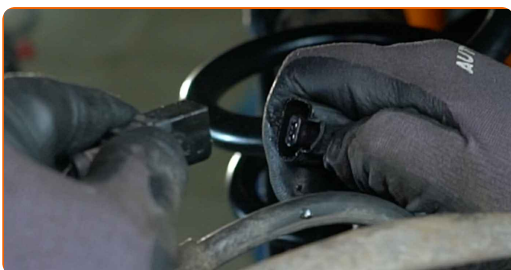
7 Remove the wheel.



8 Clean the brake pad wear sensor plug. Use a nylon cleaning brush. Use all-purpose cleaning spray.



9 Detach the connector of the brake pad wear sensor.



10 Clean the brake caliper retaining spring. Use a wire brush. Use a brake cleaner.



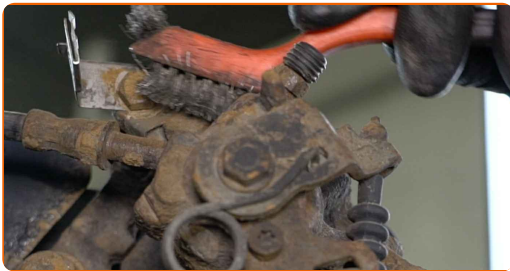
AUTODOC recommends:

- After applying the spray, wait a few minutes.

11 Detach the brake caliper retaining spring. Use a crowbar.



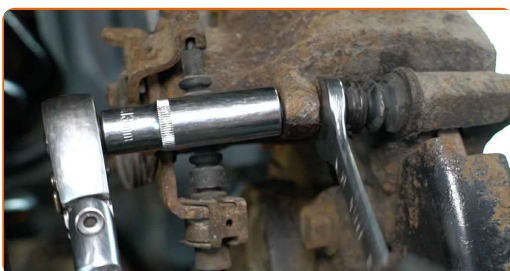
12 Clean the brake caliper fasteners. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

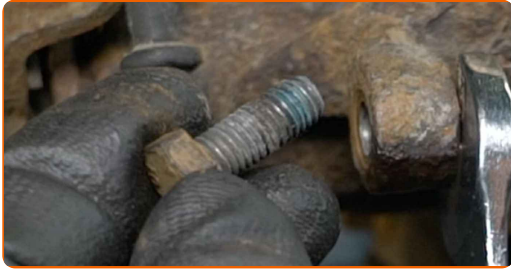
- After applying the spray, wait a few minutes.

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



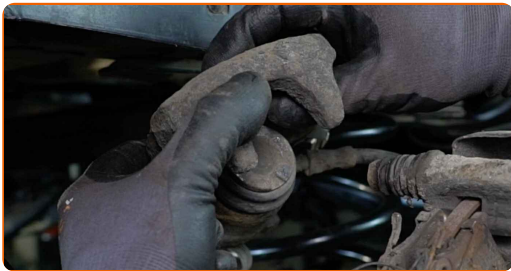
14

Remove the fastening bolts.



15

Remove the brake caliper. Use a crowbar.



Replacement: wheel bearing – VW Sharan VAN (7M). Professionals recommend:

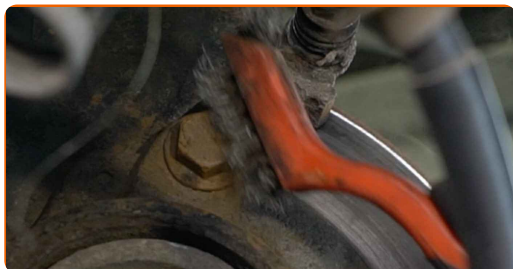
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result,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

16

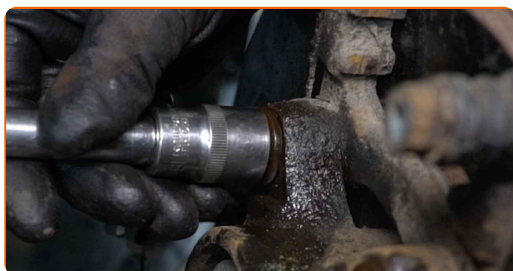
Remove the brake pads.



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



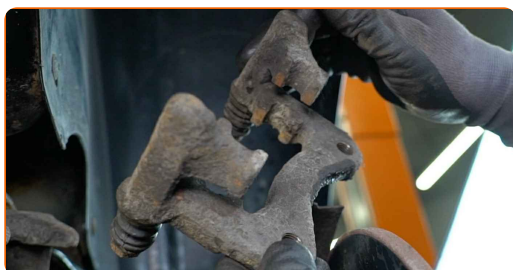
18 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.



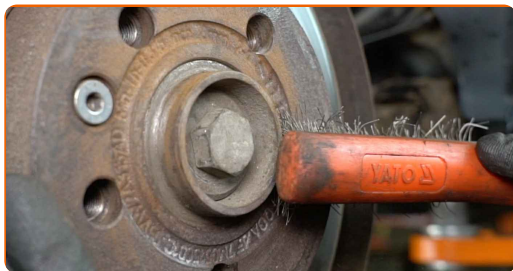
19 Remove the fastening bolts.



20 Remove the caliper bracket.



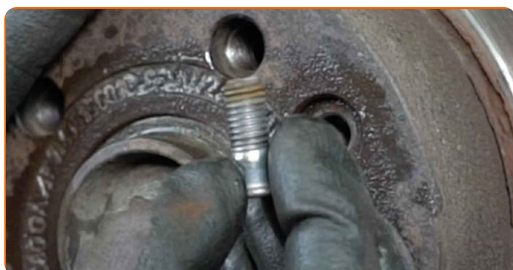
21 Clean the brake disc fastener. Use a wire brush. Use WD-40 spray.



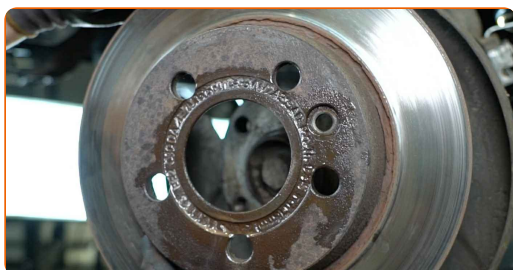
22 Unscrew the brake disc fastening. Use HEX No.H6. Use a ratchet wrench.



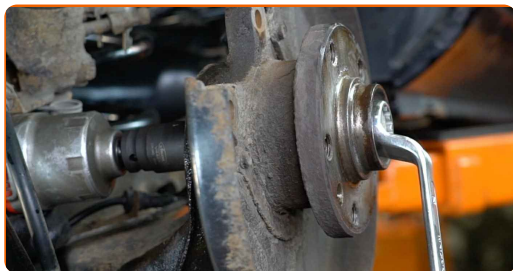
23 Remove the fastening bolt.



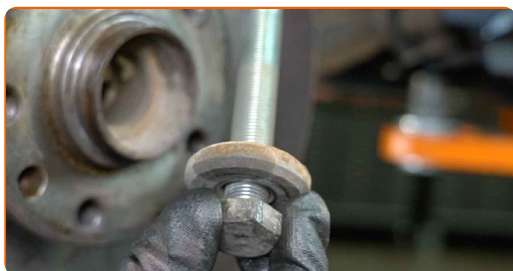
24 Remove the brake disc.



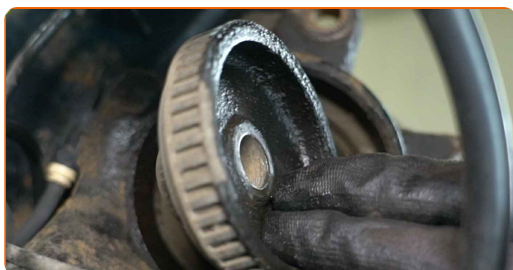
25 Unscrew the wheel hub fastener. Use a combination spanner #24. Use a drive socket #24. Use a tap wrench.



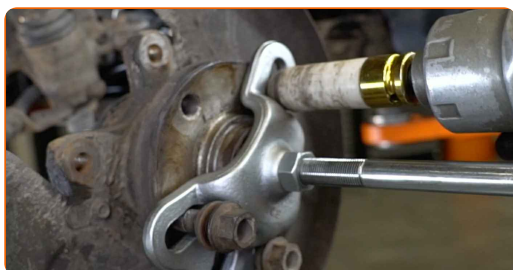
26 Remove the fastening bolt.



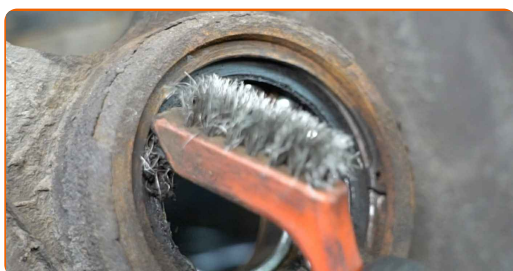
27 Remove the spring washer with a reluctor ring.



28 Remove the wheel hub. Use the hub slide hammer puller.



29 Clean the wheel hub bearing retaining ring. Use a wire brush. Use WD-40 spray.



30 Remove the wheel hub bearing retaining ring. Use circlip pliers.



31 Press out the wheel hub bearing. Use a bearing driver tool set.



32 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



33 Press the new bearing into the rear knuckle. Use a bearing driver tool set.



Replacement: wheel bearing – VW Sharan VAN (7M). AUTODOC recommends:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

34

Install the wheel hub bearing retaining ring. Use circlip pliers.



35

Dismantle the inner bearing race that is remaining on the hub. Bush and bearing driver set. Use a bearing separator.



36

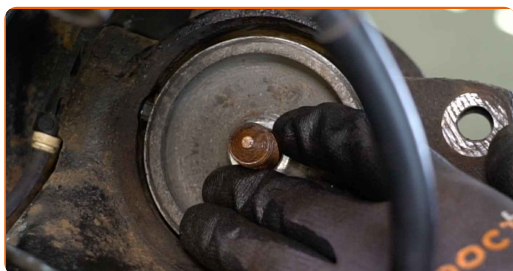
Clean the wheel hub mounting seat.



37 Press the hub into the rear knuckle. Use a bearing driver tool set.

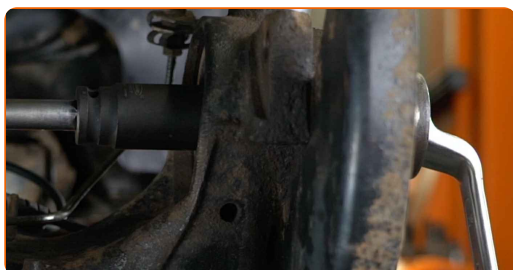


38 Install the spring washer with a reluctor ring.



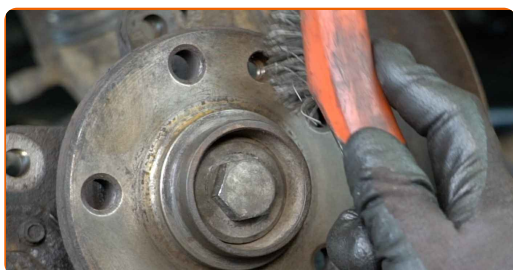
39 Install the fastening bolt.

40 Screw in the wheel hub fastener. Use a combination spanner #24. Use a drive socket #24. Use a ratchet wrench.



41 Treat the wheel hub fastener. Use copper grease.

42 Clean the hub. Use a wire brush. Use all-purpose cleaning spray.



43 Treat the contacting surface. Use ceramic grease.



44 Install the brake disc.



45 Install the fastening bolt.



46 Tighten the brake disc fastening. Use HEX No.H6. Use a torque wrench. Tighten it to 10 nm torque.



47 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: wheel bearing – VW Sharan VAN (7M). After applying the spray, wait a few minutes.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

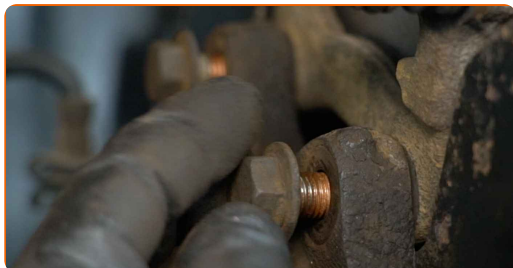
48

Install the brake caliper bracket.



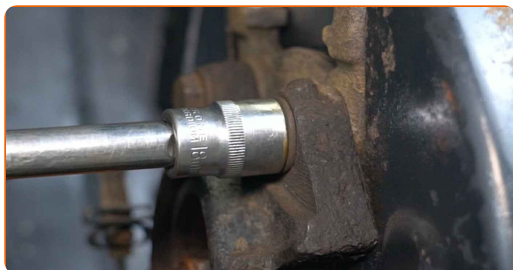
49

Install the fastening bolts.



50

Tighten the brake caliper bracket fasteners. Use a drive socket #18. Use a torque wrench. Tighten it to 110 nm torque.



51

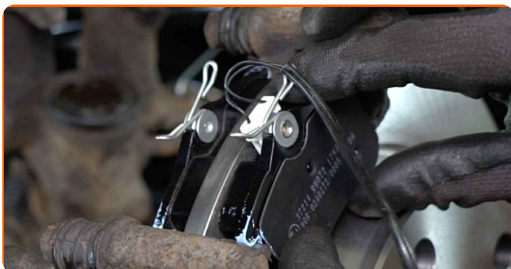
Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

Replacement: wheel bearing – VW Sharan VAN (7M). Tip:

- Make sure the disc surface is clean before installing the pads.

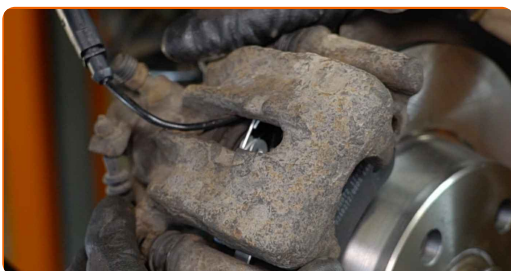
52

Install the brake pads.



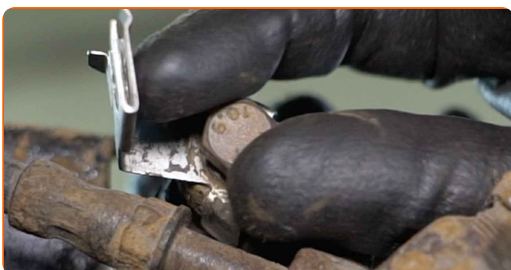
53

Install the brake caliper and fix it.



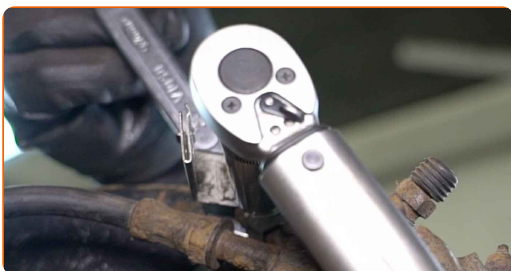
54

Install the fastening bolts.



55

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.



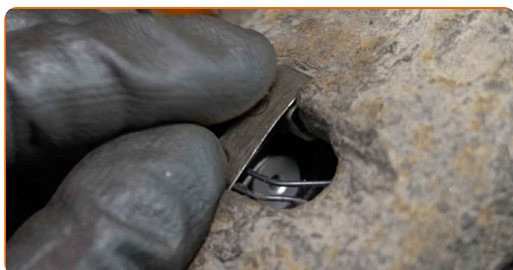
56 Treat the brake pad wear sensor plug. Use dielectric grease.



57 Attach the connector of the brake pad wear sensor.



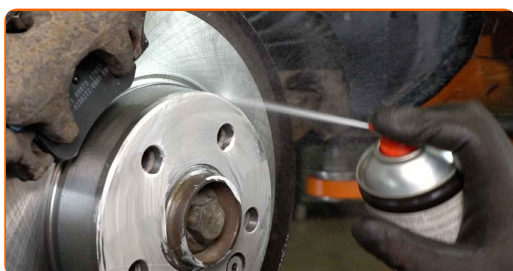
58 Install the brake caliper retaining spring. Use a crowbar.



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



60 Clean the brake disk surface. Use a brake cleaner.

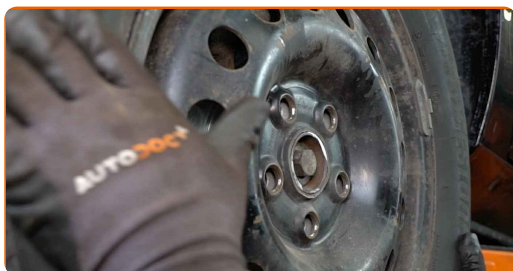


AUTODOC recommends:

- After applying the spray, wait a few minutes.

61

Install the wheel.

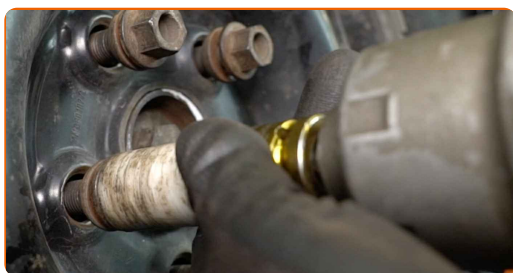


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Sharan VAN (7M)

62

Screw in the wheel bolts. Use wheel impact socket #19.



63

Lower the car.

64

Tighten the hub fastener. Use a combination spanner #24. Use a drive socket #24. Use a torque wrench. Tighten it to 200 Nm torque.

65

Tighten the wheel bolts using a criss-cross pattern. Use wheel impact socket #19. Use a torque wrench. Tighten it to 170 Nm torque.



66

Remove the jacks and chocks.



Replacement: wheel bearing – VW Sharan VAN (7M). AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.
- Check the brake fluid level in the expansion tank and refill if necessary.

67

Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE! 

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