



How to change front
wheel bearing on **SEAT**
Alhambra (7V8, 7V9) –
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:

SEAT Alhambra (7V8, 7V9) 2.0 i, SEAT Alhambra (7V8, 7V9) 1.9 TDI, SEAT Alhambra (7V8, 7V9) 1.8 T 20V, SEAT Alhambra (7V8, 7V9) 2.8 V6, SEAT Alhambra (7V8, 7V9) 2.8 V6 4motion, SEAT Alhambra (7V8, 7V9) 1.9 TDI 4motion

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 – SEAT ALHAMBRA (7V8, 7V9). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Electronic spray
- All-purpose cleaning spray
- Brake cleaner
- Ceramic grease
- Copper grease
- Torque wrench
- Drive socket # 18
- Drive socket # 27
- Shock absorber socket
- HEX bit no.H6
- HEX bit no.H8
- Wheel impact socket #19
- Ball joint puller
- Ratchet wrench
- Tap wrench
- Circlip pliers
- Bush and bearing driver set
- Crow bar
- Hydraulic transmission jack
- Wheel chock

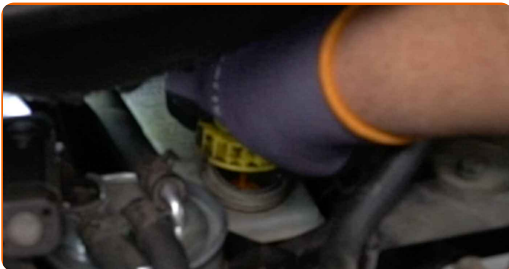
Buy tools

AUTODOC recommends:

- Do not re-use the bearing assembly of your SEAT Alhambra (7V8, 7V9) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Please note: all work on the car – SEAT Alhambra (7V8, 7V9) – should be done with the engine switched off.

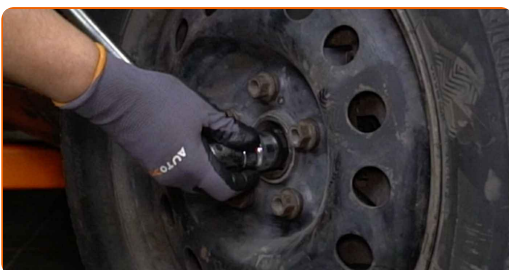
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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

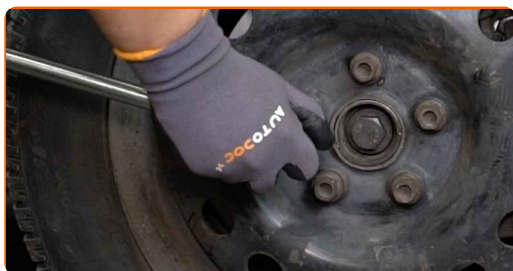


2 Secure the wheels with chocks.

3 Loosen the fastener of the driveshaft. Use a drive socket #27. Use a tap wrench.



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

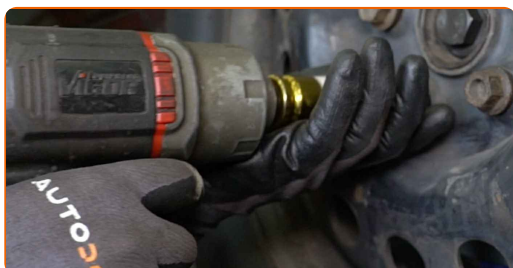


5 Raise the car.

Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). Tip:

- 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.

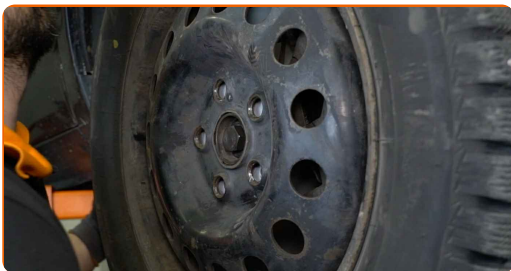
6 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
SEAT Alhambra (7V8, 7V9)

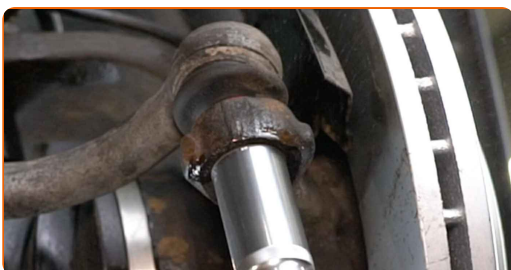
7 Remove the wheel.



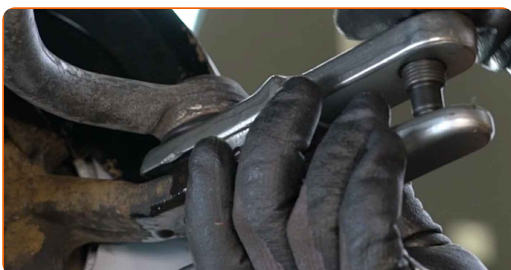
8 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



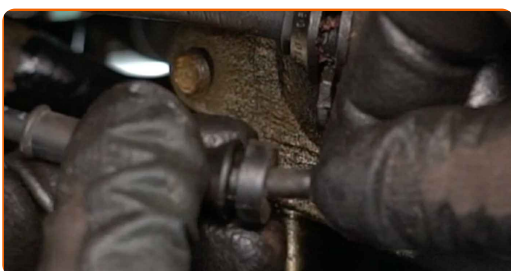
9 Unscrew the end fastening nut to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.



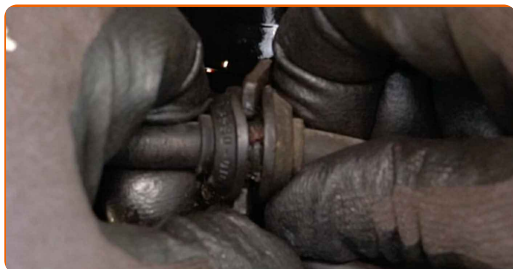
10 Disconnect the tie rod end from the steering knuckle. Use a ball joint puller.



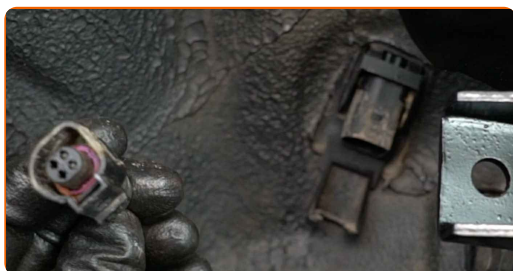
11 Disconnect the ABS sensor wiring.



12 Detach the brake hose from the shock strut.



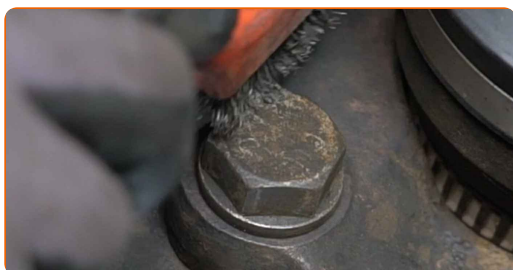
13 Detach the ABS sensor connector.



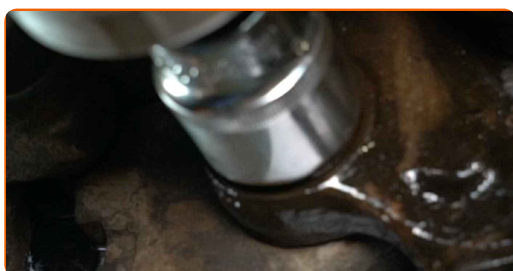
14 Spread the brake pads. Use a crowbar.



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

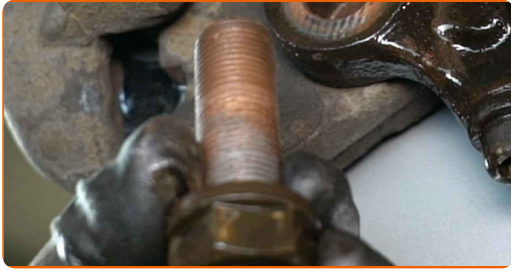


16 Unscrew the caliper bracket fastening. Use a drive socket #27. Use a ratchet wrench.



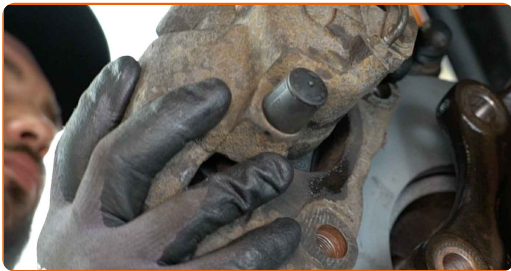
17

Remove the fastening bolts.



18

Remove the brake caliper together with its bracket.



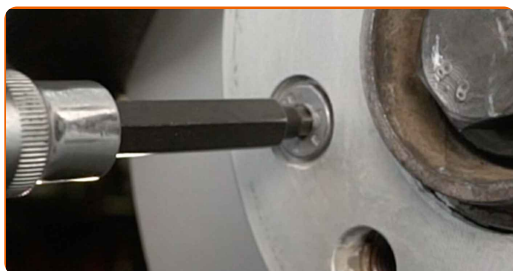
Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). Tip from AUTODOC experts:

- 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.

19

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

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



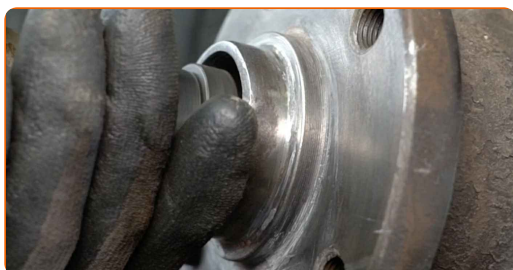
21 Remove the fastening bolt.



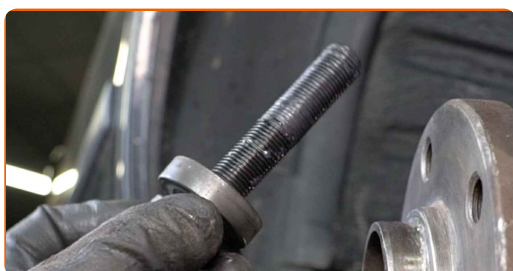
22 Remove the brake disc.



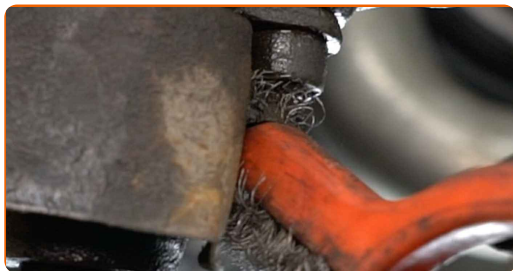
23 Unscrew the fastener connecting the drive shaft to the wheel hub. Use a drive socket #27. Use a ratchet wrench.



24 Remove the fastening bolt.



25 Clean the fasteners that connect the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



26 Unscrew the ball joint fasteners from the steering knuckle. Use HEX No.H8. Use a ratchet wrench.



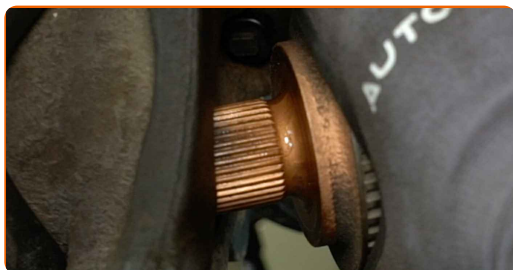
27 Remove the fastening bolts.



28 Disconnect the ball joint from the steering knuckle.



29 Detach the driveshaft from the steering knuckle.



Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). AUTODOC recommends:

- Make sure that the drive shaft is not unloaded (when the car is jacked).

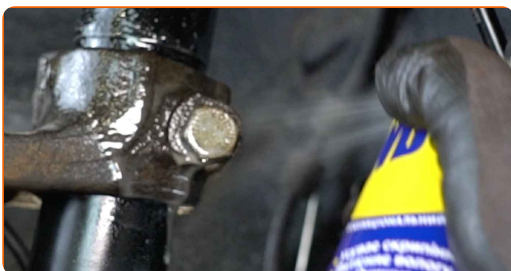
30

Prop up the steering knuckle. Use a hydraulic transmission jack.



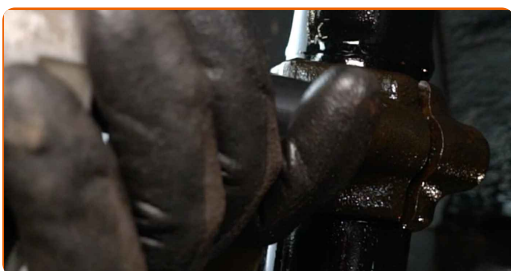
31

Clean the lower fastener connecting the suspension strut to the steering knuckle. Use a wire brush. Use WD-40 spray.



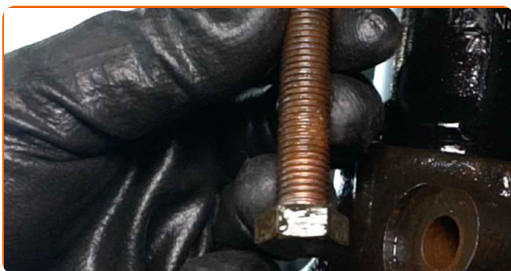
32

Unscrew the lower fastener connecting the shock strut to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.



33

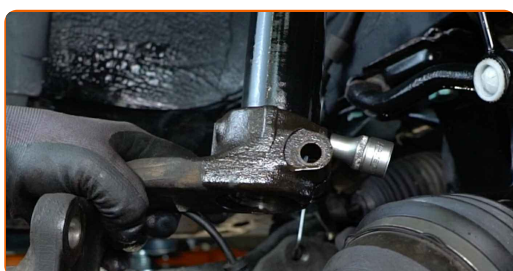
Remove the fastening bolt.



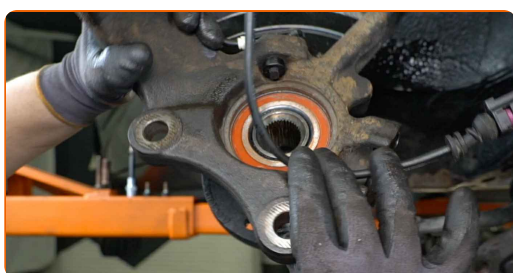
- 34** Release the lower fastener connecting the shock strut to the steering knuckle. Use a special drive socket to remove the shock absorber.



- 35** Disconnect the steering knuckle from the shock absorber strut.



- 36** Remove the steering knuckle together with the wheel hub.



- 37** Remove the wheel hub from the steering knuckle. Use a bush and bearing driver set.

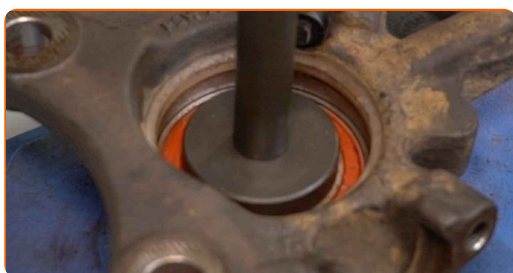


- 38** Clean the wheel hub bearing retaining ring. Use a wire brush. Use WD-40 spray.

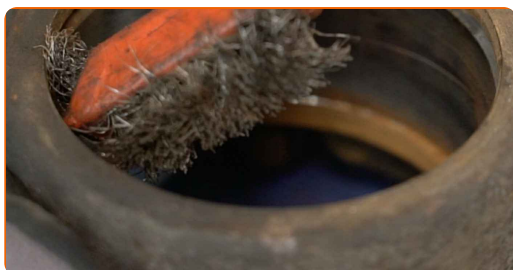
39 Remove the wheel hub bearing retaining ring. Use circlip pliers.



40 Press out the wheel hub bearing. Use a bush and bearing driver set.



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



42 Press-fit the new bearing into the steering knuckle. Use a bush and bearing driver set.



Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). Professionals recommend:

- 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.

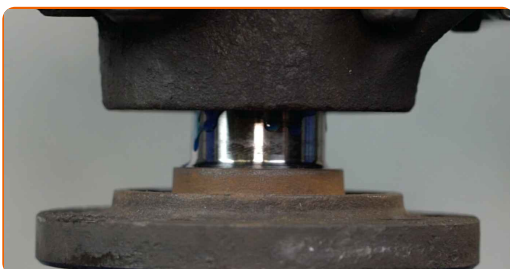
43 Install the wheel hub bearing retaining ring. Use circlip pliers.



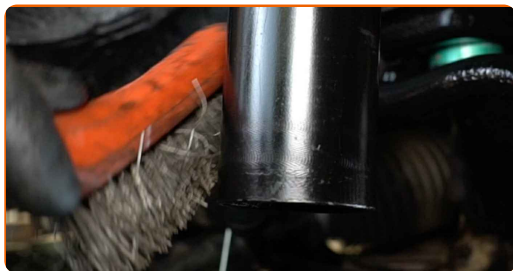
44 Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.



45 Install the wheel hub on the steering knuckle. Use a bush and bearing driver set.



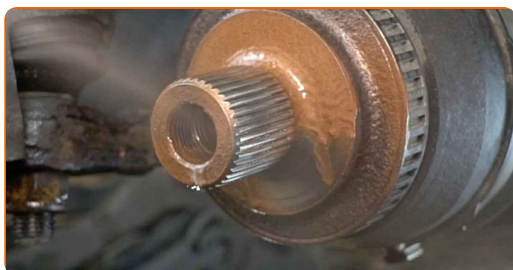
46 Clean the mounting seats of the shock strut. Use a wire brush. Use WD-40 spray.



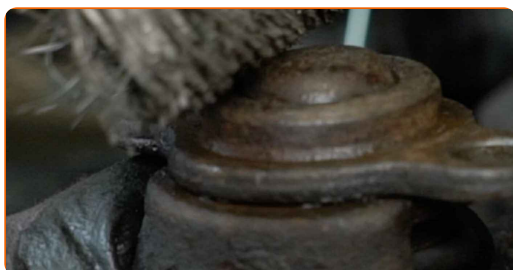
47 Clean the splines of the drive shaft CV joint. Use a wire brush. Use WD-40 spray.



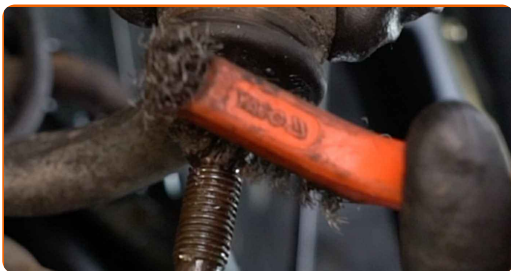
48 Treat the splines of the driveshaft CV joint. Use copper grease.



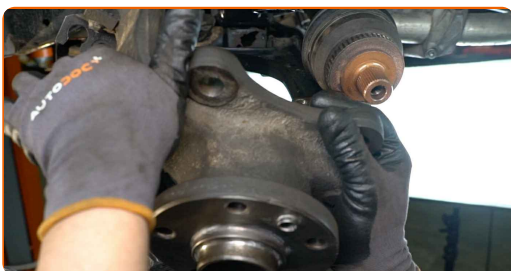
49 Clean the fasteners that connect the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



50 Clean the fastener connecting the tie rod end to the steering knuckle. Use a wire brush. Use WD-40 spray.



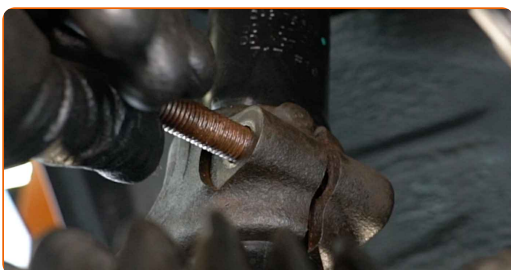
51 Install the steering knuckle assembled with the wheel hub.



52 Fix the shock absorber strut on the steering knuckle.



53 Install the fastening bolt.



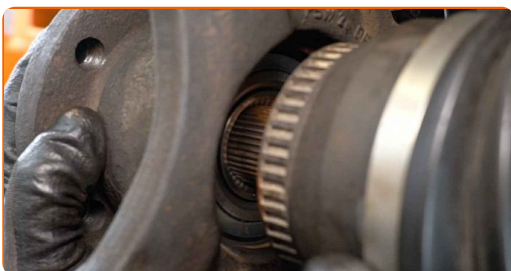
54 Remove the support from under the steering knuckle.

AUTODOC recommends:

- Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

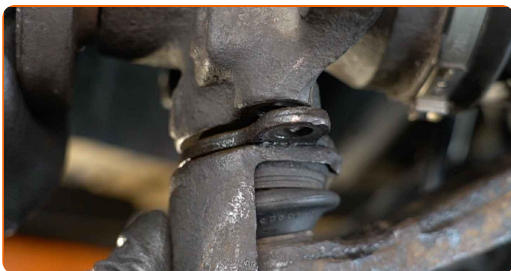
55

Install the drive shaft.



56

Connect the ball joint to the steering knuckle.



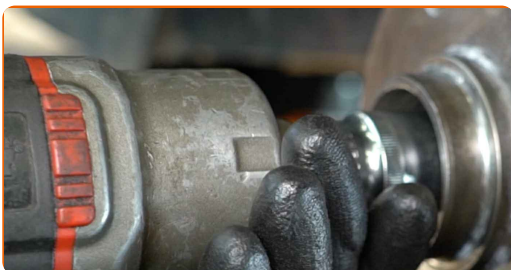
57

Install the fastening bolt.



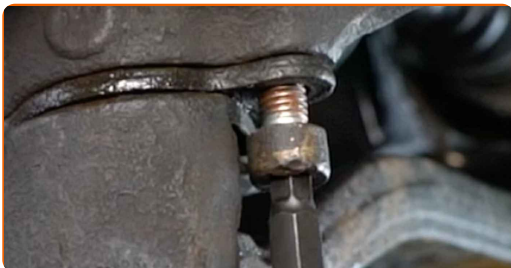
58

Screw in the fastener of the CV axle. Use a drive socket #27. Use a ratchet wrench.

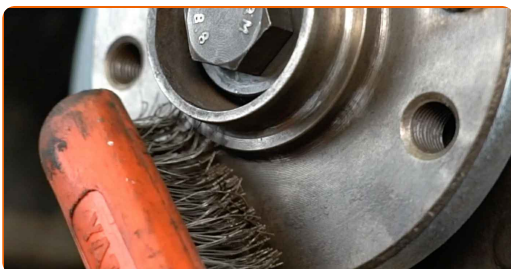


59 Install the fastening bolts.

60 Screw in the fasteners that connect the ball joint to the steering knuckle. Use HEX No.H8. Use a ratchet wrench.



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



62 Treat the contacting surface. Use ceramic grease.



63 Install the brake disc.



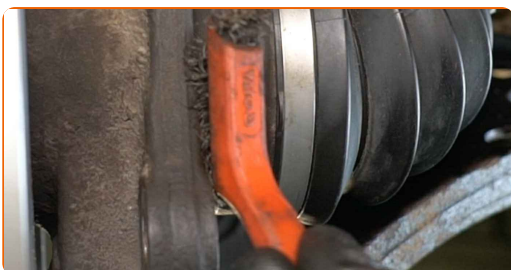
64 Install the fastening bolt.



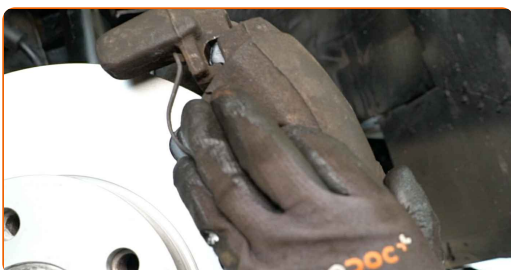
65 Tighten the brake disc fastening. Use HEX No.H7. Use a torque wrench. Tighten it to 10 nm torque.



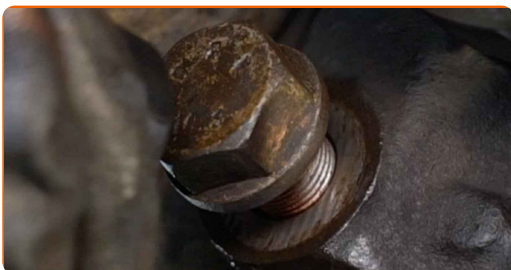
66 Clean the mounting seat of the brake caliper bracket. Use a wire brush. Use WD-40 spray.



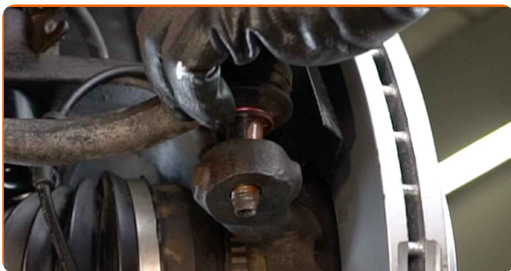
67 Install the brake caliper together with its bracket.



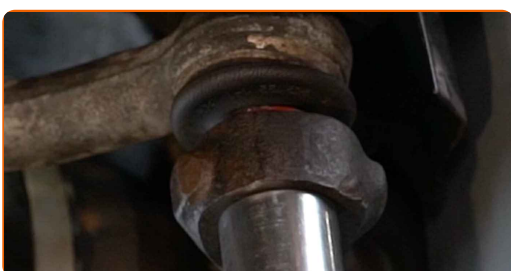
68 Install the fastening bolts.



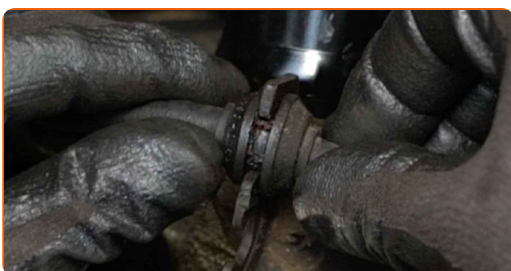
69 Connect the tie rod end to the steering knuckle.



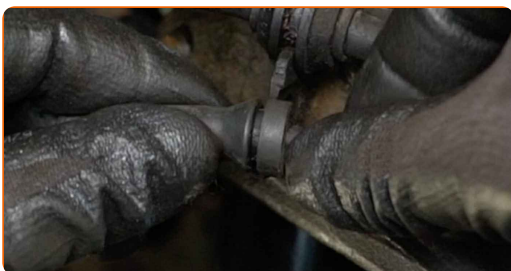
70 Screw on the fastening nut that connects the tie rod end to the steering knuckle. Use a drive socket #18. Use a ratchet wrench.



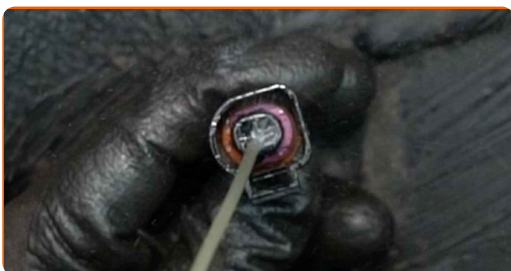
71 Attach the brake hose to the suspension strut.



72 Connect the ABS sensor wiring.



73 Treat the ABS sensor connector. Use dielectric grease.



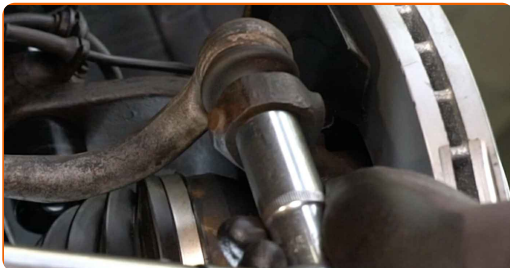
74

Attach the ABS sensor connector.



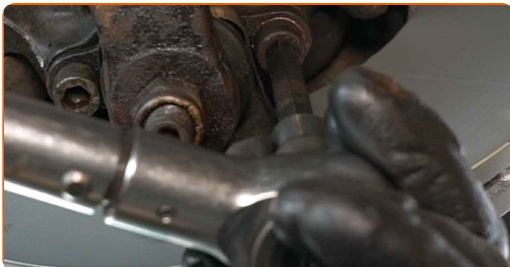
75

Tighten the fastening nut connecting the tie rod end to the steering knuckle. Use a drive socket #18. Use a torque wrench. Tighten it to 30 Nm torque. +80°



76

Tighten the fasteners that connect the ball joint to the steering knuckle. Use HEX No.H8. Use a torque wrench. Tighten it to 55 Nm torque.

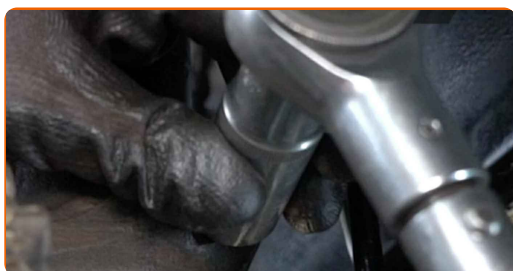


77

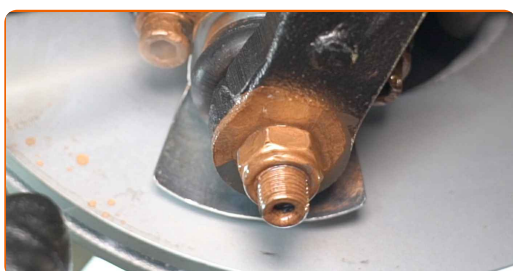
Tighten the brake caliper bracket fasteners. Use a drive socket #27. Use a torque wrench. Tighten it to 200 nm torque.



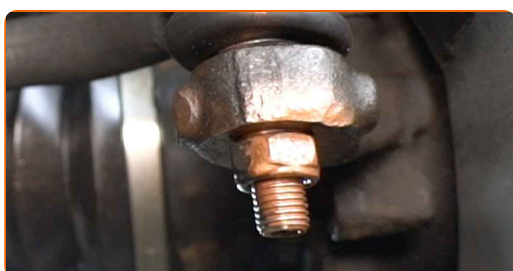
78 Tighten the lower fasteners of the suspension strut. Use a drive socket #18. Use a torque wrench. Tighten it to 110 nm torque.



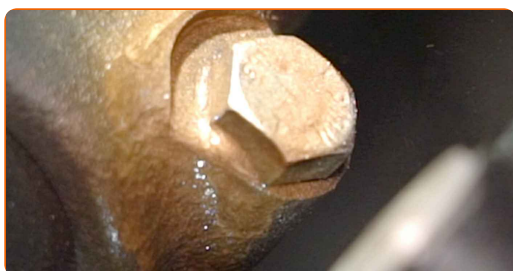
79 Treat the fasteners of the ball joint. Use copper grease.



80 Treat the fastener that connects the suspension strut to the steering knuckle. Use copper grease.



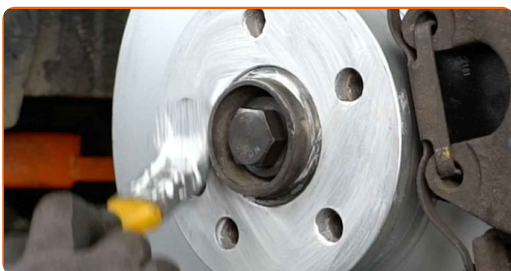
81 Treat the fastener connecting the tie rod end to the steering knuckle. Use copper grease.



82 Clean the wheel rim mounting seat. Use a wire brush.



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



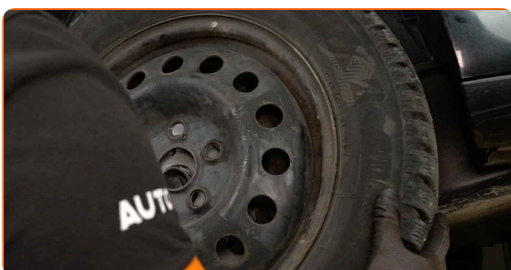
84 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). After applying the spray, wait a few minutes.

85 Install the wheel.

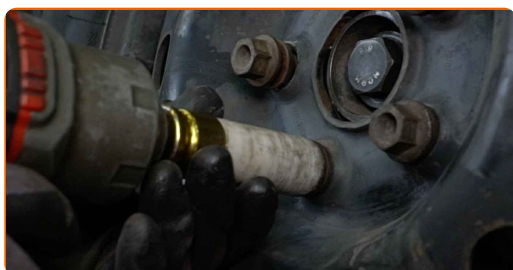


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. SEAT Alhambra (7V8, 7V9)

86

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

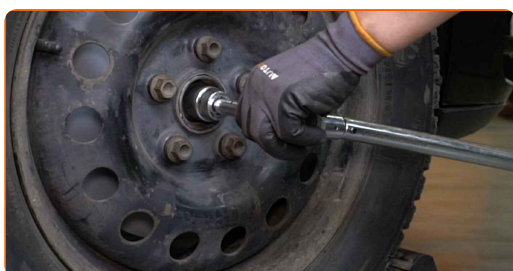


87

Lower the car.

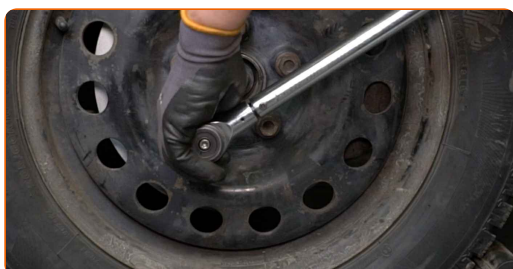
88

Tighten the CV axle fastener. Use a drive socket #27. Use a torque wrench. Tighten it to 150 Nm torque.+90°



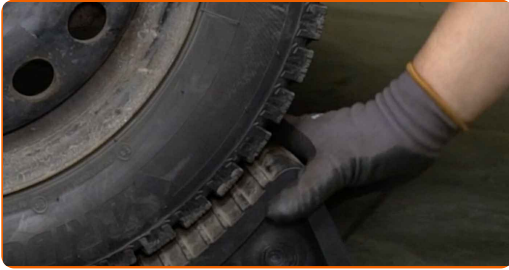
89

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



90

Remove the jacks and chocks.

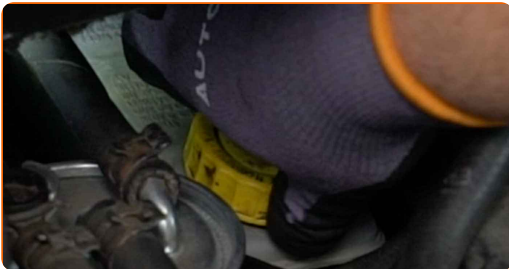


Replacement: wheel bearing – SEAT Alhambra (7V8, 7V9). AUTODOC recommends:

- 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.

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Tighten the brake fluid reservoir cap. Close the hood.



WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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