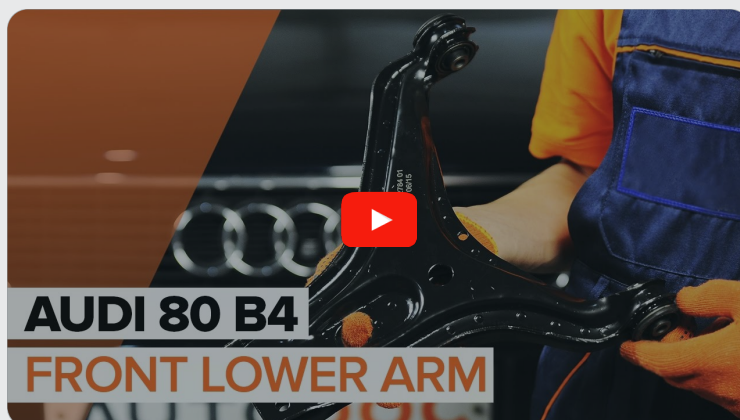




How to change front
lower arm on **AUDI 90 B3**
(89, 89Q, 8A) –
replacement guide

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:
AUDI 90 B3 (89, 89Q, 8A) 2.0 20 V quattro

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: AUDI 80 B4 Saloon (8C2) 2.0

REPLACEMENT: FRONT LOWER ARM – AUDI 90 B3 (89, 89Q, 8A). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- High-temperature ceramic grease
- Torque wrench
- Drive socket # 17
- Combination spanner #17
- Wheel impact socket #17
- Ratchet wrench
- Flat Screwdriver
- Rubber mallet
- Wheel chock

Buy tools

Replacement: front lower arm – AUDI 90 B3 (89, 89Q, 8A). AUTODOC recommends:

- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – AUDI 90 B3 (89, 89Q, 8A). RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the front of the car and secure on supports.

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
AUDI 90 B3 (89, 89Q, 8A)

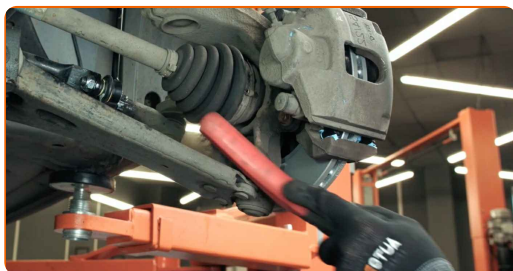
5

Remove the wheel.



6

Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



7

Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



8 Remove the fastening bolt.



9 Unscrew the front arm fastener. Use a combination spanner #17 (2 pieces).



10 Remove the front fastener of the control arm.

11 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #17 (2 pieces).



12 Remove the rear fastener of the control arm.

13 Disconnect the ball joint from the steering knuckle. Use a rubber mallet.



14 Remove the arm.



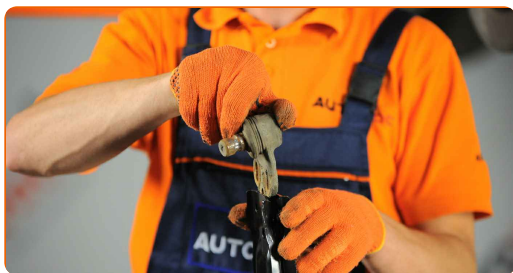
15 Unscrew the fastener connecting the ball joint to the suspension control arm. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



16 Remove the ball joint. Use a rubber mallet.



17 Attach the ball joint to the control arm. Use a rubber mallet. Use a flat screwdriver.

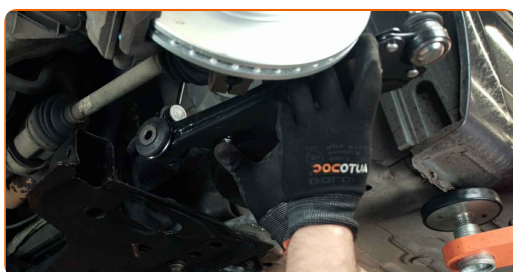


- 18 Tighten the fasteners connecting the ball joint to the control arm. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 65 Nm torque.



- 19 Clean the suspension arm mounting seats. Use a wire brush. Use WD-40 spray.

- 20 Install a new arm. Use a rubber mallet.

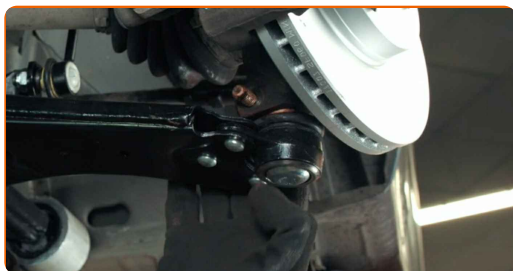


- 21 Install the control arm fasteners.

- 22 Connect the ball joint to the steering knuckle. Use a rubber mallet.



- 23 Install the fastening bolt.



- 24** Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 50 Nm torque.



- 25** Support the arm. Use a hydraulic transmission jack.



- 26** Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #17 (2 pieces). Use a torque wrench. Tighten it to 40 Nm torque.+180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 27** Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #17 (2 pieces). Use a torque wrench. Tighten it to 40 Nm torque.+180°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

- 28** Remove the support from under the arm.



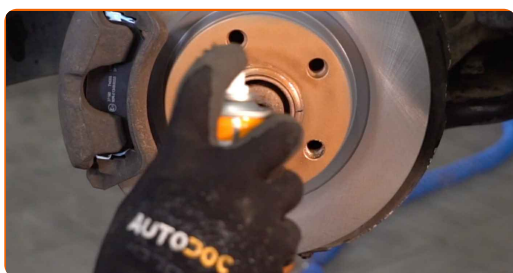
AUTODOC recommends:

- Replacement: front lower arm – AUDI 90 B3 (89, 89Q, 8A). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

29 Treat all joints of the arm. Use copper grease.



30 Treat the surface where the brake disc contacts the wheel rim. Use high-temperature ceramic grease.



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



32 Install the wheel.



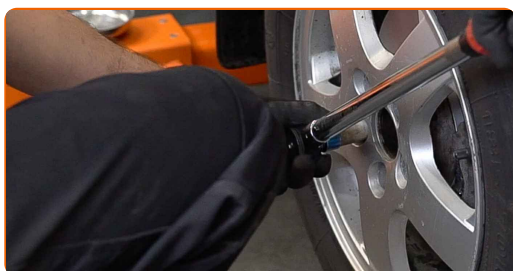
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI 90 B3 (89, 89Q, 8A)

33 Screw in the wheel bolts. Use wheel impact socket #17.



34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.



35 Remove the jacks and chocks.



WELL DONE! 

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