



How to change rear
suspension lower control
arm on **AUDI A3**
Hatchback (8P1) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

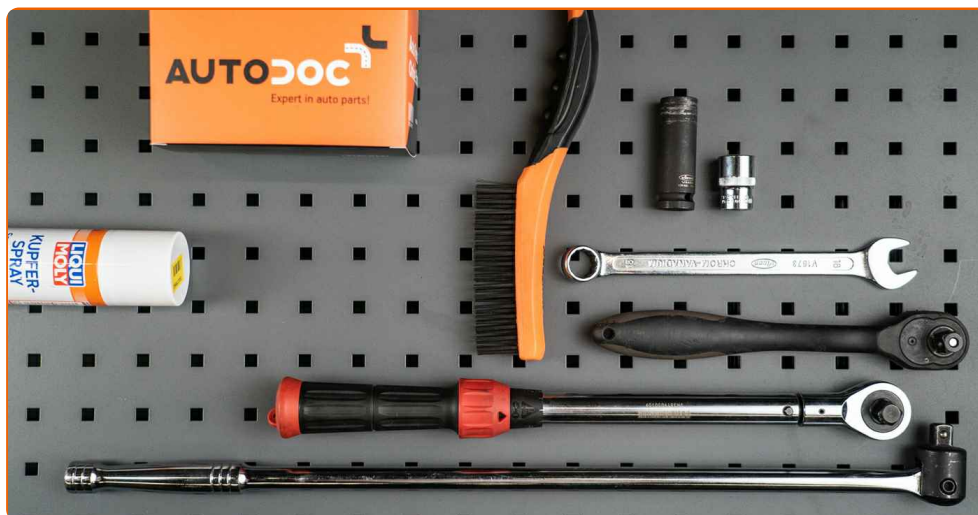
This replacement procedure can be used for:

AUDI A3 Hatchback (8P1) 1.6 E-Power, AUDI A3 Hatchback (8P1) 2.0 FSI, AUDI A3 Hatchback (8P1) 1.6, AUDI A3 Hatchback (8P1) 2.0 TDI 16V, AUDI A3 Hatchback (8P1) 1.9 TDI, AUDI A3 Hatchback (8P1) 2.0 TDI, AUDI A3 Hatchback (8P1) 3.2 V6 quattro, AUDI A3 Hatchback (8P1) 1.6 FSI, AUDI A3 Hatchback (8P1) 2.0 TDI quattro, AUDI A3 Hatchback (8P1) 2.0 TFSI, AUDI A3 Hatchback (8P1) 2.0 TFSI quattro, AUDI A3 Hatchback (8P1) 2.0 TDI 16V quattro, AUDI A3 Hatchback (8P1) S3 quattro, AUDI A3 Hatchback (8P1) 1.8 TFSI, AUDI A3 Hatchback (8P1) 1.8 T, (+ 4)

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 GOLF VI (5K1) 2.0 GTi

REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – AUDI A3 HATCHBACK (8P1). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # 18
- Combination spanner #18
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

Buy tools

Replacement: rear suspension lower control arm – AUDI A3 Hatchback (8P1).
 AUTODOC experts recommend:

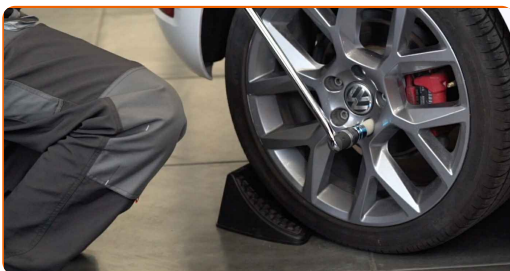
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: REAR SUSPENSION LOWER CONTROL ARM – AUDI A3 HATCHBACK (8P1). TAKE THE FOLLOWING STEPS:

1 Secure the wheels with chocks.

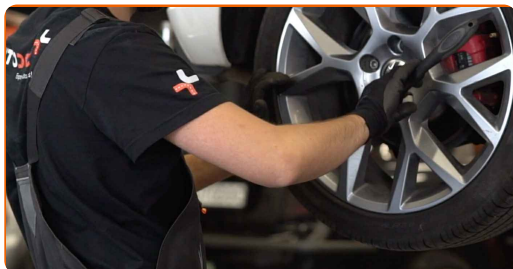


2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

4 Unscrew the wheel bolts.

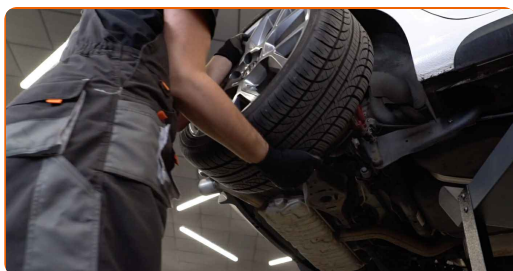


Replacement: rear suspension lower control arm – AUDI A3 Hatchback (8P1).

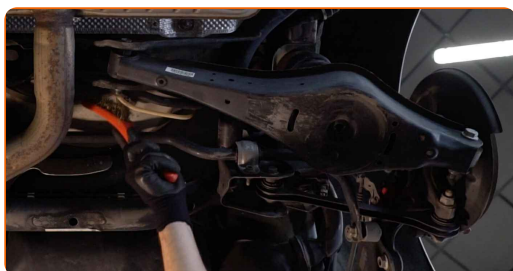
Tip:

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

5 Remove the wheel.



6 Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.



- 7 Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 8 Remove the exhaust system fastener.



- 9 Make a mark on the crossmember and on the camber adjustment bolt.



- 10 Unscrew the arm fastening to the beam. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



11 Support the arm. Use a hydraulic transmission jack.



12 Remove the fastening bolt.



13 Lower the hydraulic transmission jack by 10-15 cm.



AUTODOC recommends:

- Replacement: rear suspension lower control arm – AUDI A3 Hatchback (8P1). Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

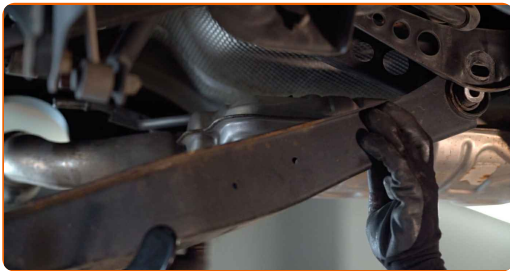
14 Take out the spring.



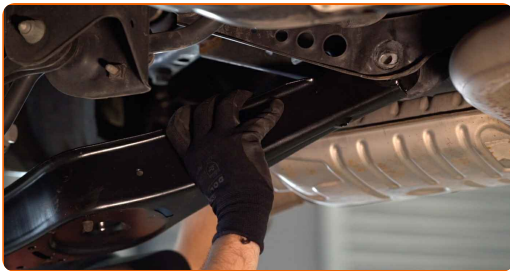
15 Remove the fastening bolt.



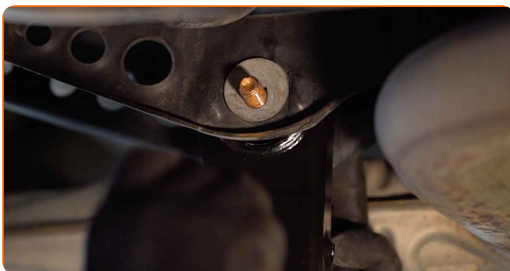
16 Remove the arm.



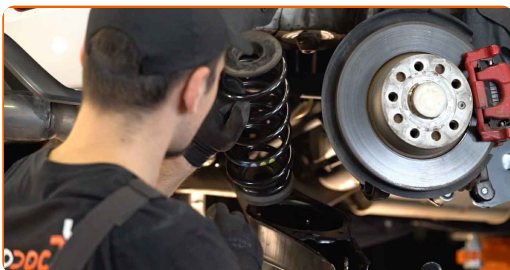
17 Install a new suspension arm.



18 Install the control arm fasteners.



19 Install the spring.



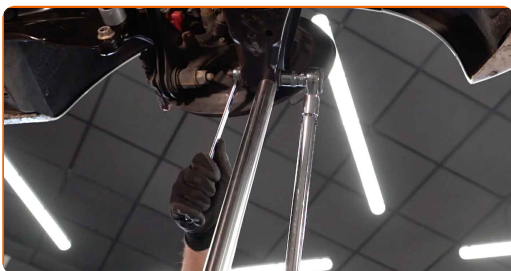
20

Support the arm. Use a hydraulic transmission jack.



21

Tighten the fasteners connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+90°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

22

Tighten the arm fastening to the beam. Use a drive socket #18. Use a combination spanner #18. Use a torque wrench. Tighten it to 95 Nm torque.



AUTODOC recommends:

- Important! Be sure to use new fasteners.

23 Remove the support from under the rear arm.



24 Install the exhaust system fastener.



25 Clean the brake disk surface. Use a wire brush. Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



26 Install the wheel.

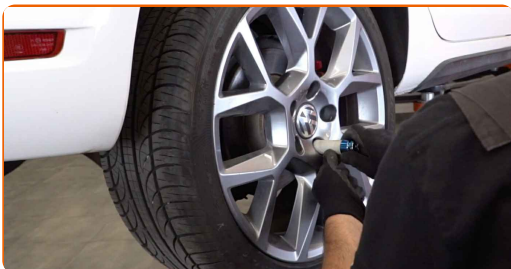


Replacement: rear suspension lower control arm – AUDI A3 Hatchback (8P1).
Tip from AUTODOC:

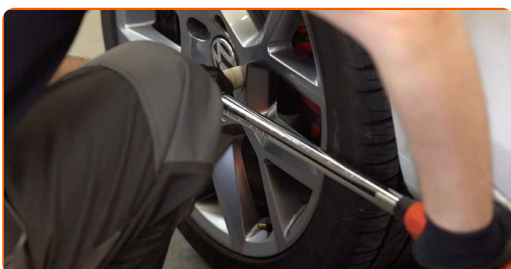
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

27

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

**28**

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

**29**

Remove the jacks and chocks.



WELL DONE! 

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CONTROL ARM: A WIDE SELECTION

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