



How to change rear  
lower arm on **Alfa  
Romeo 147 937** –  
replacement guide

## VIDEO TUTORIAL

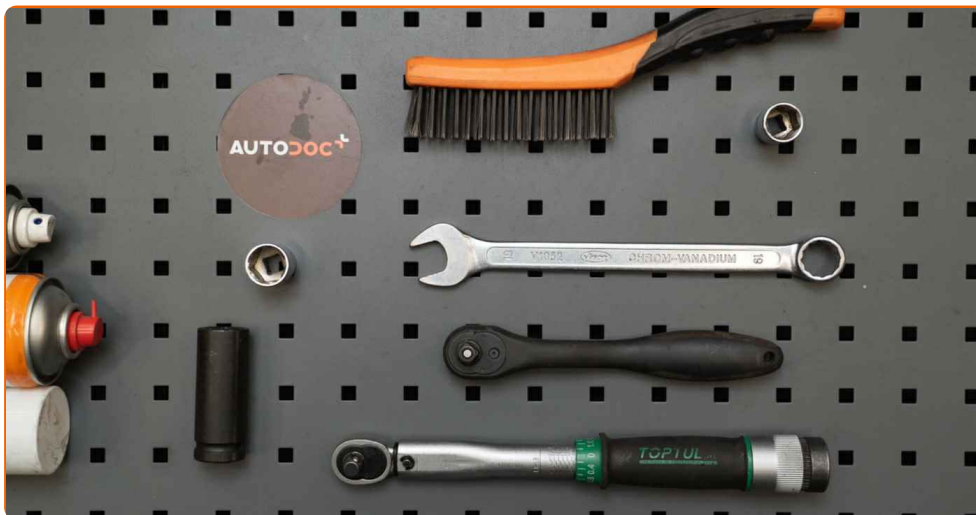
** Important!**

This replacement procedure can be used for:

ALFA ROMEO 156 Saloon (932) 1.6 16V T.SPARK, ALFA ROMEO 156 Saloon (932) 1.8 16V T.SPARK, ALFA ROMEO 156 Saloon (932) 2.0 16V T.SPARK, ALFA ROMEO 156 Saloon (932) 2.5 V6 24V, ALFA ROMEO 156 Saloon (932) 1.9 JTD, ALFA ROMEO 156 Saloon (932) 2.4 JTD, ALFA ROMEO GT (937) 2.0 JTS, ALFA ROMEO 156 Sportwagon (932) 1.6 16V T.SPARK., ALFA ROMEO 156 Sportwagon (932) 1.8 16V T.SPARK, ALFA ROMEO 156 Sportwagon (932) 2.0 16V T.SPARK, ALFA ROMEO 156 Sportwagon (932) 2.5 V6 24V, ALFA ROMEO 156 Sportwagon (932) 1.9 JTD, ALFA ROMEO 156 Sportwagon (932) 2.4 JTD, ALFA ROMEO 147 (937) 2.0 16V T.SPARK, ALFA ROMEO 147 (937) 1.6 16V T.SPARK ECO, (+ 25)

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR LOWER ARM – ALFA ROMEO 147  
937. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #19
- Drive socket # 15
- Drive socket # 19
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

**BUY TOOLS**

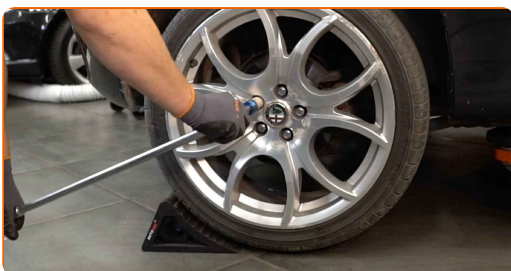
Replacement: rear lower arm – Alfa Romeo 147 937. AUTODOC experts recommend:

- The replacement procedure is identical for the left and right lower control arms.
- Please note: all work on the car – Alfa Romeo 147 937 – should be done with the engine switched off.

## CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

**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.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.  
Alfa Romeo 147 937

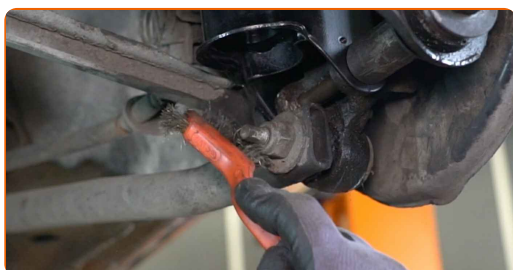
**5**

Remove the wheel.



**6**

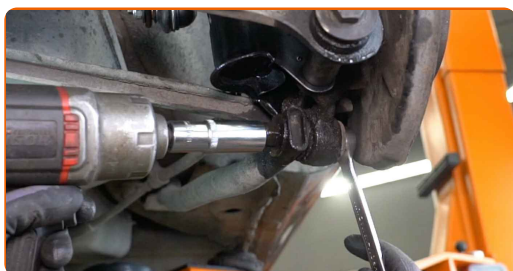
Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



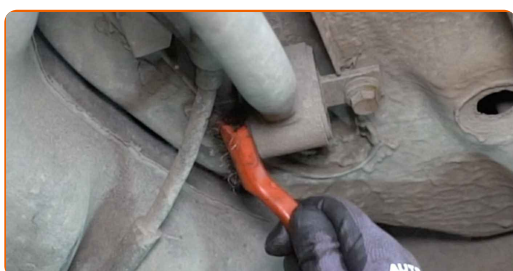
**AUTODOC recommends:**

- Replacement: rear lower arm – Alfa Romeo 147 937. After applying the spray, wait a few minutes.
- Wear protective goggles.
- Wear a respirator.

- 7** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #19. Use a drive socket #19. Use a tap wrench.



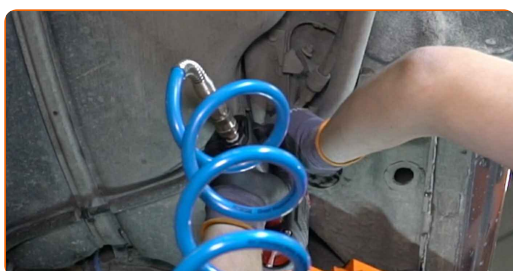
- 8** Clean all joints of the arm. Use a wire brush. Use WD-40 spray.



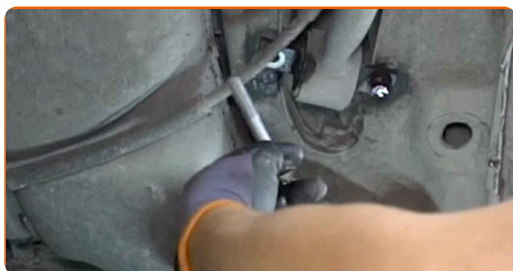
Replacement: rear lower arm – Alfa Romeo 147 937. Professionals recommend:

- After applying the spray, wait a few minutes.
- Wear protective goggles.
- Wear a respirator.

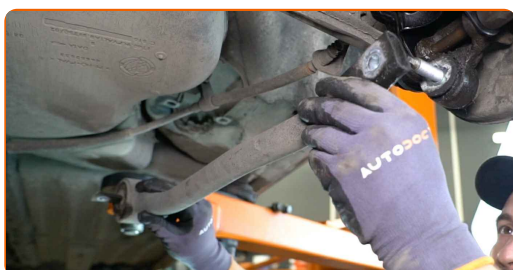
- 9** Unscrew the rear fastener connecting the control arm to the car body. Use a drive socket #15. Use a ratchet wrench.



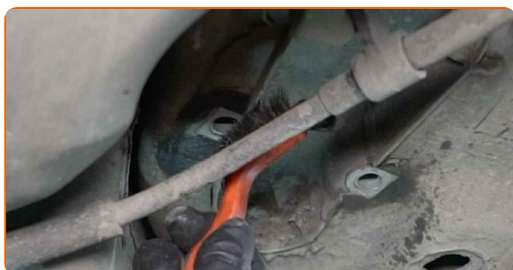
**10** Remove the fastening bolts.



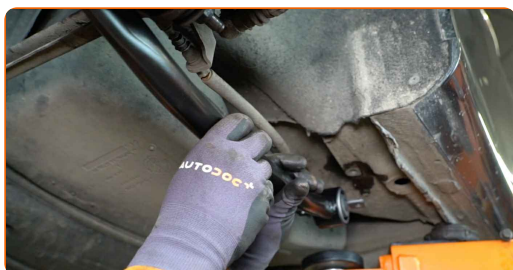
**11** Remove the arm.



**12** Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.



**13** Install a new arm.

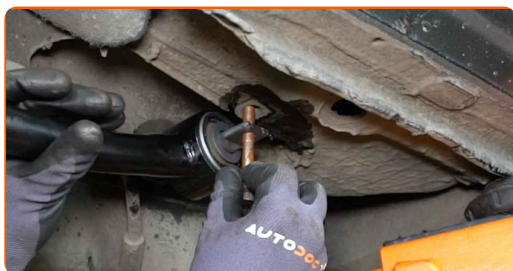


Replacement: rear lower arm – Alfa Romeo 147 937. Tip from AUTODOC experts:

- During the installation process, use only new bolts and nuts.



**14** Install the fastening bolts.



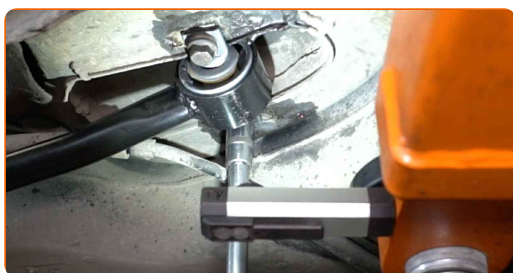
**15** Screw the rear fastener connecting the control arm to the car body. Use a drive socket #15. Use a ratchet wrench.



**16** Support the arm. Use a hydraulic transmission jack.

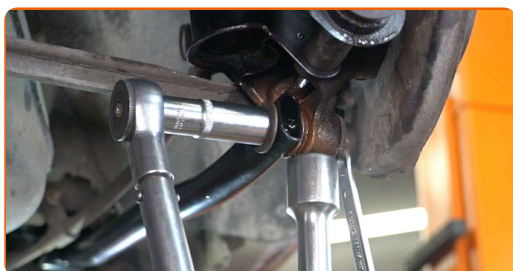


**17** Tighten the rear fastener connecting the arm to the car body. Use a drive socket #15. Use a torque wrench. Tighten it to 68 nm torque.

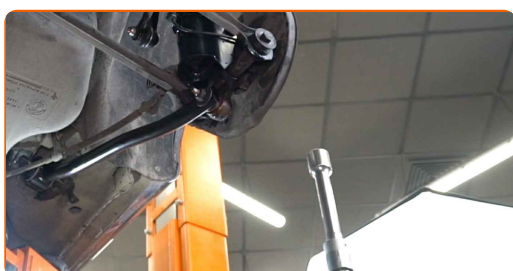




- 18** Tighten the fastener connecting the control arm to the rear knuckle. Use a combination spanner #19. Use a drive socket #19. Use a torque wrench. Tighten it to 110 Nm torque.



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



**AUTODOC recommends:**

- Replacement: rear lower arm – Alfa Romeo 147 937. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

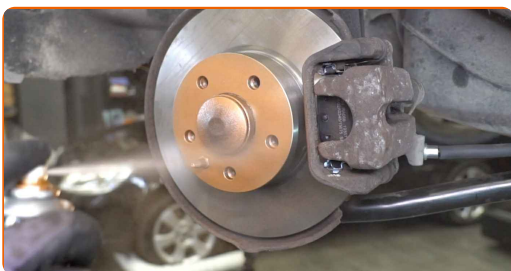
- 20** Treat all joints of the arm. Use copper grease.



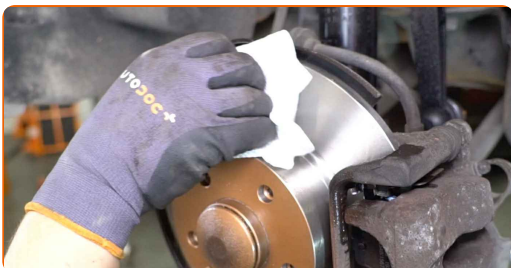
**21** Clean the wheel rim mounting seat. Use a wire brush.



**22** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



**23** Clean the brake disk surface. Use a brake cleaner.



**AUTODOC recommends:**

- Replacement: rear lower arm – Alfa Romeo 147 937. After applying the spray, wait a few minutes.

**24** Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Alfa Romeo 147 937

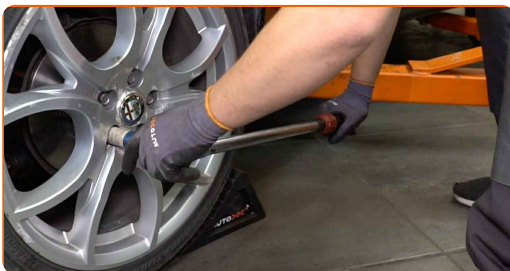
25

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



26

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 108 Nm torque.



27

Remove the jacks and chocks.



**WELL DONE!** 

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