



How to change rear
suspension lower trailing
arm on **Lexus RX XU30** –
replacement guide

VIDEO TUTORIAL

** Important!**

This replacement procedure can be used for:

LEXUS RX (MHU3_, GSU3_, MCU3_) 3.0, LEXUS RX (MHU3_, GSU3_, MCU3_) 3.5 AWD, LEXUS RX (MHU3_, GSU3_, MCU3_) 330 AWD (MCU38), LEXUS RX (MHU3_, GSU3_, MCU3_) 350 3.5 (GSU35_), LEXUS RX (MHU3_, GSU3_, MCU3_) 3.3 400h, LEXUS RX (MHU3_, GSU3_, MCU3_) 3.3 400h AWD, LEXUS RX (MHU3_, GSU3_, MCU3_) 3.5, LEXUS RX (GYL1_, GGL15, AGL10) 450h AWD (GYL15), LEXUS RX (MHU3_, GSU3_, MCU3_) 350 (GSU35)

The steps may slightly vary depending on the car design.

REPLACEMENT: REAR SUSPENSION LOWER TRAILING ARM – LEXUS RX XU30. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #17
- Combination spanner #18
- Drive socket # 17
- Drive socket # E18
- Wheel impact socket #21
- Torque wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

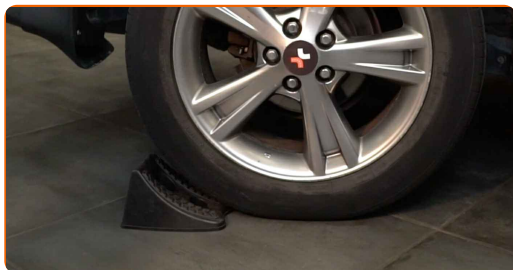
BUY TOOLS

Replacement: rear suspension lower trailing arm – Lexus RX XU30. AUTODOC experts recommend:

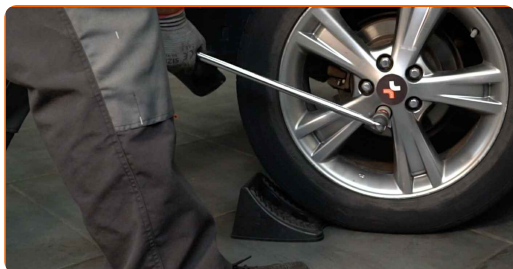
- The replacement procedure is identical for the left and right lower control arms.
- Warning! Shut down the engine before starting any work – Lexus RX XU30.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

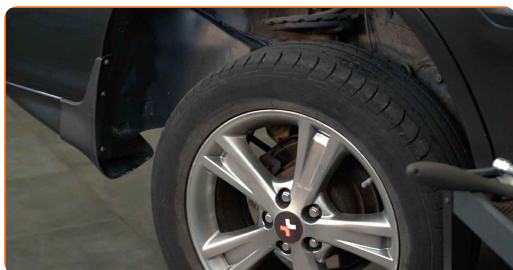
1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #21.



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



4

Unscrew the wheel bolts.

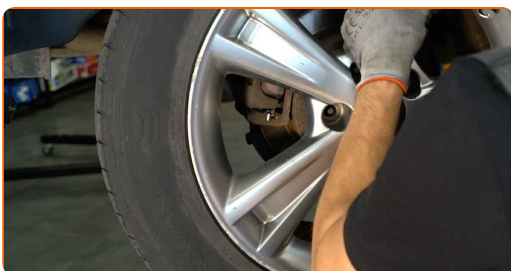


Replacement: rear suspension lower trailing arm – Lexus RX XU30. AUTODOC recommends:

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

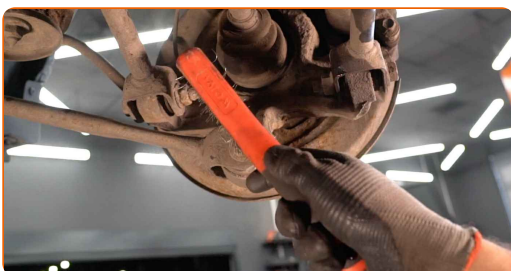
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Remove the wheel.

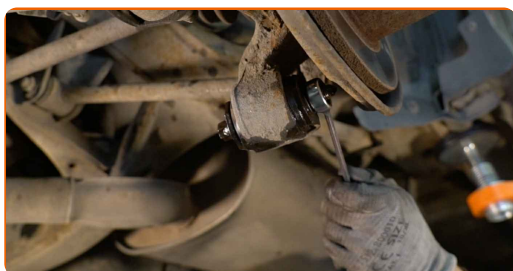


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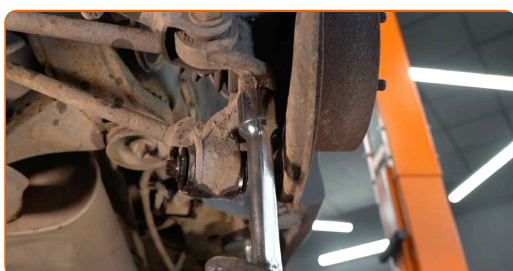
Clean the control arm fasteners. Use a wire brush. Use WD-40 spray.



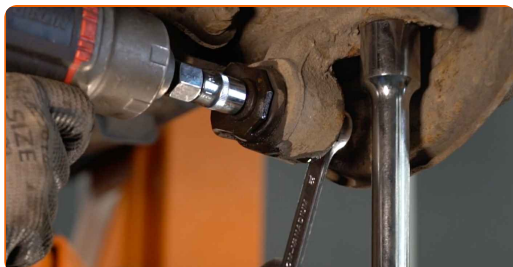
- 7** Loosen the fastener that connects the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.



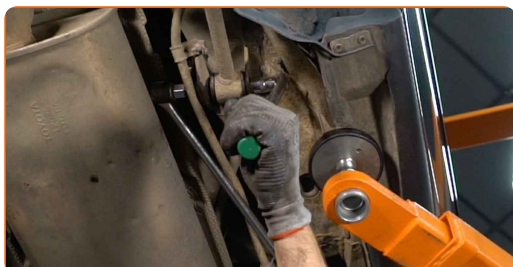
- 8** Support the stub axle. Use a hydraulic transmission jack.



- 9** Unscrew the fastener connecting the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.

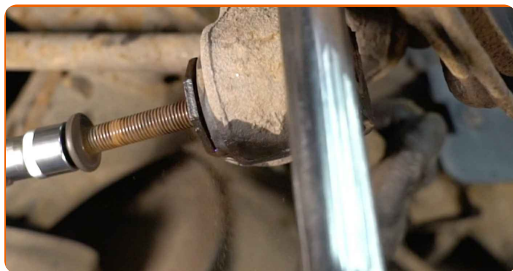


- 10** Unscrew the fastener connecting the trailing arm to the car body. Use a combination spanner #17. Use a drive socket #17. Use a tap wrench.

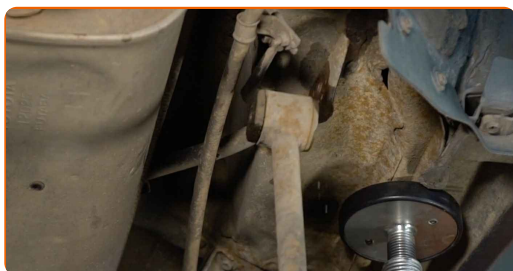


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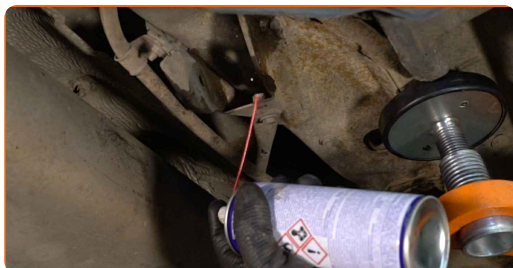
Remove the fastening bolts.

**12**

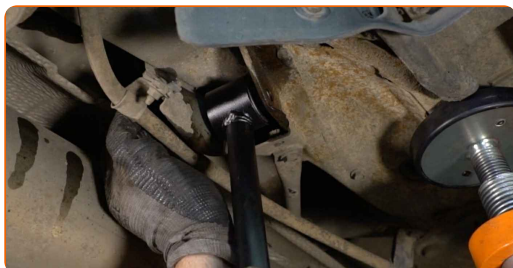
Remove the arm.

**13**

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

**14**

Install a new arm.



Replacement: rear suspension lower trailing arm – Lexus RX XU30. Tip:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

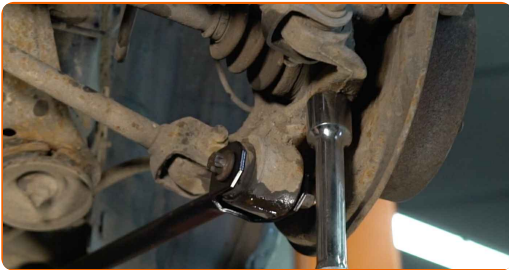
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Install the fastening bolts.



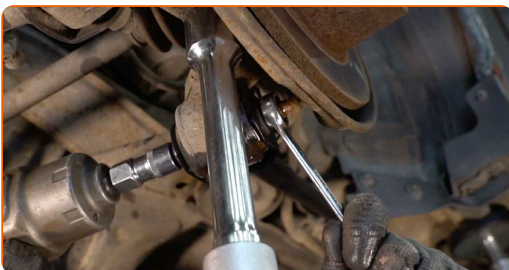
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Raise the hydraulic transmission jack by 10-15 cm.



17

Screw in the fastener that connects the control arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #E18. Use a tap wrench.

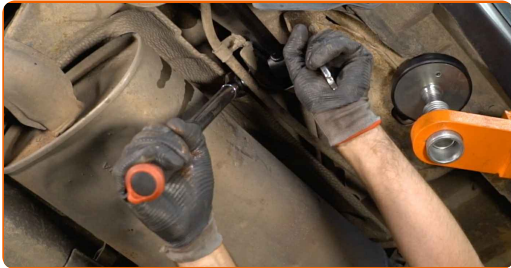


18

Tighten the fastener connecting the trailing arm to the car body. Use a combination spanner #17. Use a drive socket #17. Use a tap wrench.

19

Tighten the fastener connecting the control arm to the car body. Use a combination spanner #17. Use a drive socket #17. Use a torque wrench. Tighten it to 80 nm torque.



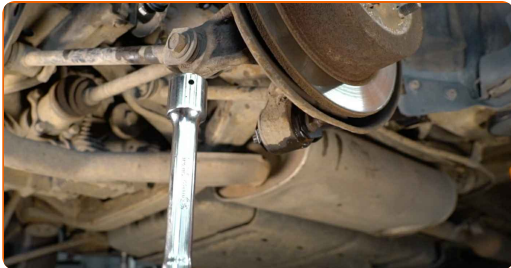
20

Tighten the fastener connecting the suspension arm to the rear knuckle. Use a combination spanner #18. Use a drive socket #E18. Use a torque wrench. Tighten it to 80 nm torque.



21

Remove the support from under the stub axle.



AUTODOC recommends:

- Replacement: rear suspension lower trailing arm – Lexus RX XU30. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

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



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



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



Replacement: rear suspension lower trailing arm – Lexus RX XU30. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

25 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Lexus RX XU30

26

Screw in the wheel bolts. Use wheel impact socket #21.



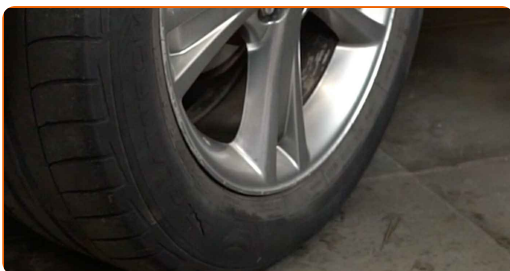
27

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 103 nm torque.



28

Remove the jacks and chocks.



WELL DONE! 

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