



How to change front ball
joint on **RENAULT**
THALIA II (LU1/2_) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

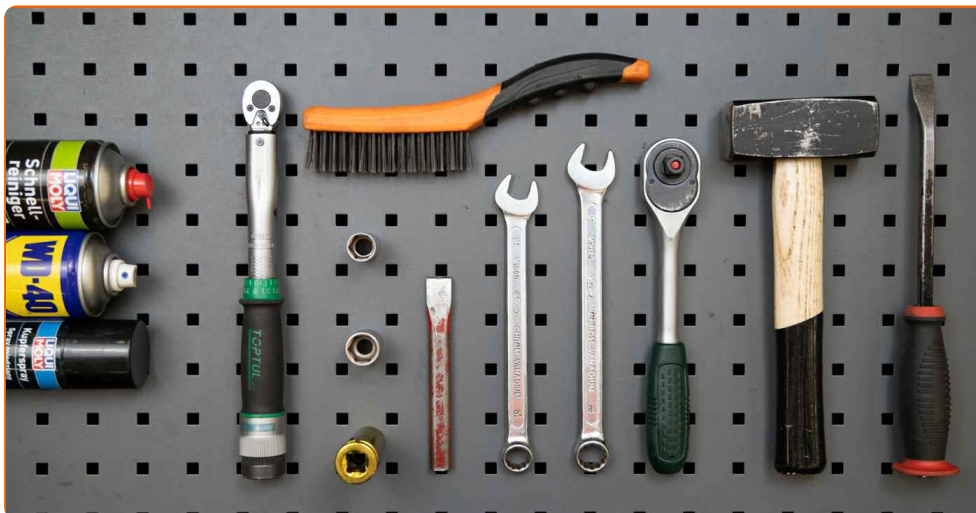
This replacement procedure can be used for:

RENAULT THALIA II (LU1/2_) 0.9 TCe, RENAULT THALIA II (LU1/2_) 1.5 dCi

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: RENAULT MEGANE Scenic (JA0/1_) 1.6 16V

REPLACEMENT: BALL JOINT – RENAULT THALIA II (LU1/2_). LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #16
- Combination spanner #18
- Drive socket # 16
- Drive socket # 18
- Wheel impact socket #19
- Ratchet wrench
- Flat chisel
- Crow bar
- Hammer
- Wheel chock

Buy tools

Replacement: ball joint – RENAULT THALIA II (LU1/2_). AUTODOC experts recommend:

- The replacement procedure is identical for the left and right ball joints.
- Please note: all work on the car – RENAULT THALIA II (LU1/2_) – 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 #19.



3 Raise the car.

Replacement: ball joint – RENAULT THALIA II (LU1/2_). Tip from AUTODOC experts:

- 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.

4

Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts.
RENAULT THALIA II (LU1/2_)

5

Remove the wheel.

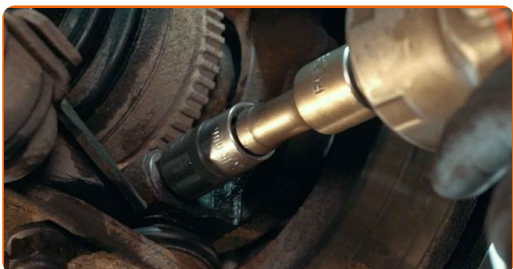


6

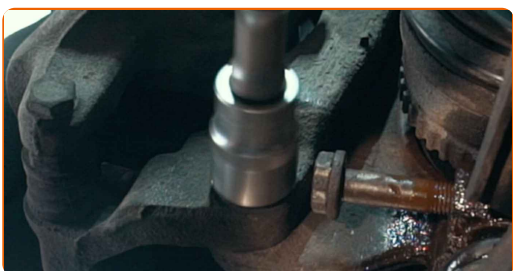
Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



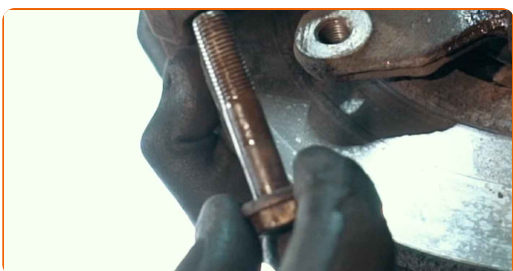
- 7 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



- 8 Unscrew the caliper bracket fastening. Use a drive socket #18. Use a ratchet wrench.



- 9 Remove the fastening bolt.



- 10 Clean the fasteners connecting the ball joint to the suspension control arm. Use a wire brush. Use WD-40 spray.



- 11** Unscrew the fastener connecting the ball joint to the suspension control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



- 12** Release the fastener connecting the ball joint to the steering knuckle. Use a crowbar.



- 13** Disconnect the ball joint from the control arm.



- 14** Disconnect the ball joint from the steering knuckle. Use a flat metal-working chisel. Use a hammer.



- 15** Clean the ball joint mounting seat. Use a wire brush.

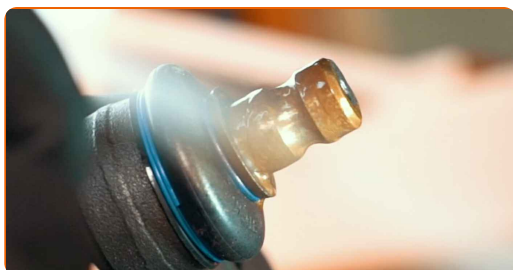
- 16** Install a new ball joint.

Replacement: ball joint – RENAULT THALIA II (LU1/2_). AUTODOC experts recommend:

- Do not damage the ball joint cover.

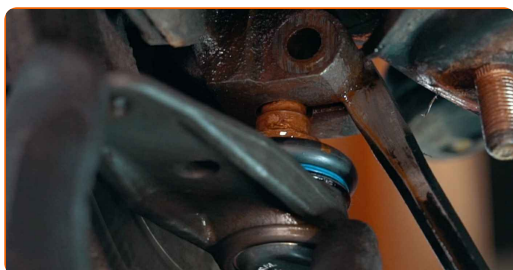
17

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



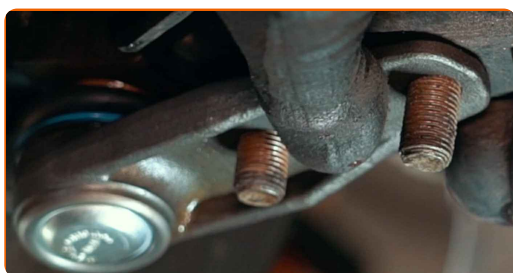
18

Connect the ball joint to the steering knuckle.



19

Attach the ball joint to the control arm.

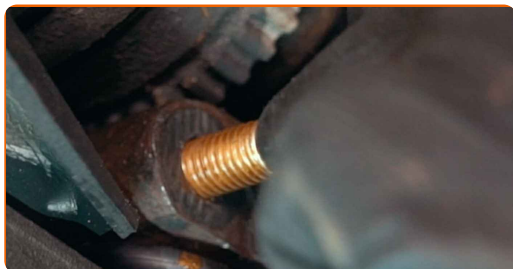


20

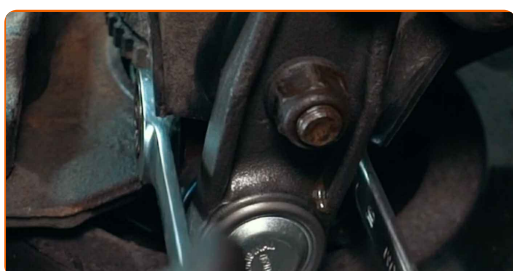
Screw in the fastener connecting the ball joint to the control arm. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



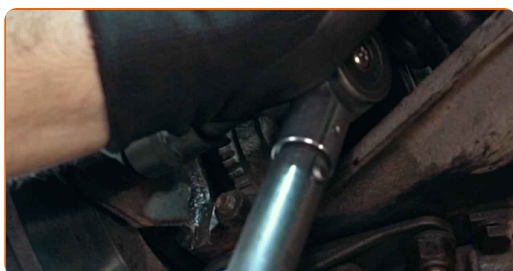
21 Install the fastening bolt.



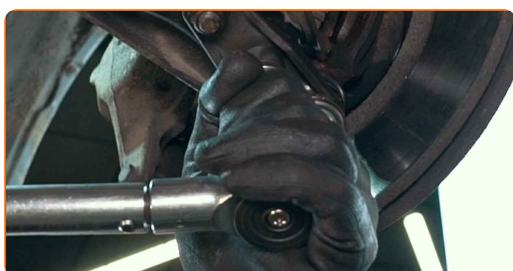
22 Screw the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



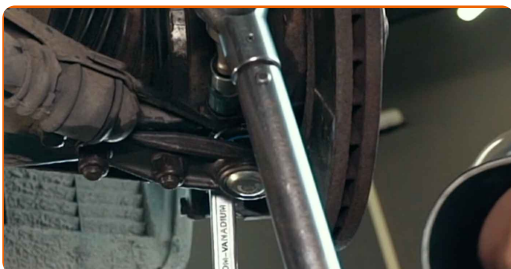
23 Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 100 Nm torque.



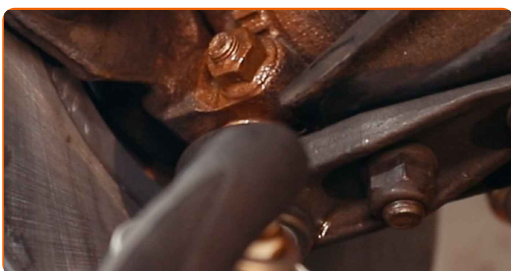
24 Tighten the fasteners connecting the ball joint to the control arm. Use a drive socket #18. Use a torque wrench. Tighten it to 75 Nm torque.



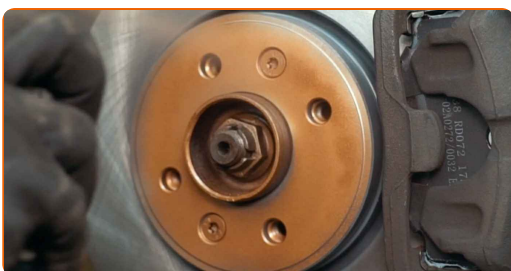
- 25 Tighten the fastener connecting the ball joint to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.



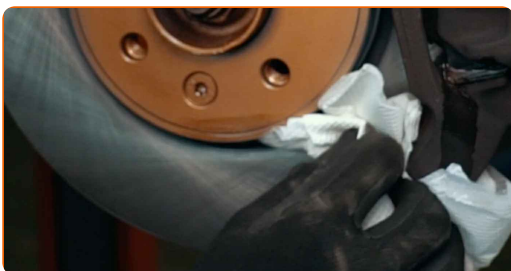
- 26 Treat the fasteners of the ball joint. Use copper grease.



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



- 28 Clean the brake disc surface. Use a brake cleaner.

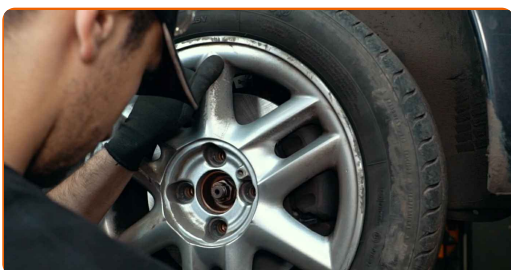


AUTODOC recommends:

- Replacement: ball joint – RENAULT THALIA II (LU1/2_). After applying the spray, wait a few minutes.

29

Install the wheel.

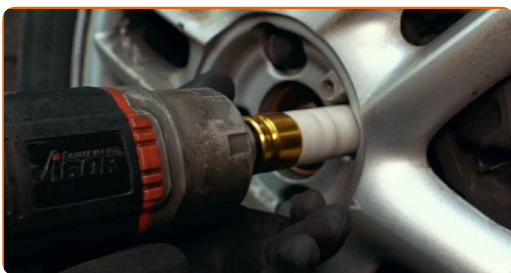


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT THALIA II (LU1/2_)

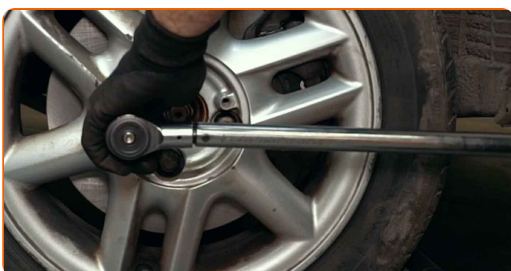
30

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



31

Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 Nm torque.



32

Remove the jacks and chocks.



Replacement: ball joint – RENAULT THALIA II (LU1/2_). Tip from AUTODOC experts:

- After replacing the component, it is advisable to realign the wheels using a wheel aligner.

WELL DONE! 

[VIEW MORE TUTORIALS](#)

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BALL JOINT: A WIDE SELECTION

(i) DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.