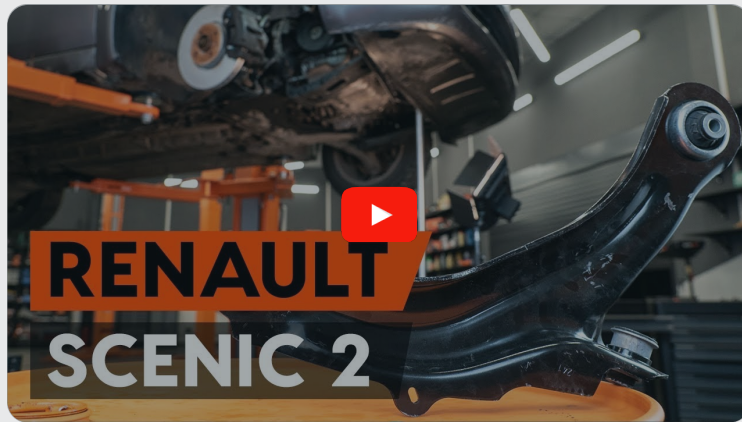




How to change front
lower arm on **Renault
Scenic 2** – replacement
guide

VIDEO TUTORIAL



 Important!

This replacement procedure can be used for:

RENAULT MEGANE II Estate (KM0/1_) 1.9 dCi, RENAULT MEGANE II Estate (KM0/1_) 1.6 16V, RENAULT SCÉNIC II (JM0/1_) 1.6 Hi-Flex, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.4 16V, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.6 16V, RENAULT MEGANE II (BM0/1_, CM0/1_) 2.0 16V, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.9 dCi, RENAULT SCÉNIC II (JM0/1_) 2.0, RENAULT SCÉNIC II (JM0/1_) 1.5 dCi, RENAULT SCÉNIC II (JM0/1_) 1.6, RENAULT SCÉNIC II (JM0/1_) 1.4, RENAULT MEGANE II (BM0/1_, CM0/1_) 1.5 dCi (BM02, BM13, BM2A, CM02, CM13), RENAULT MEGANE II Coupé-Cabriolet (EM0/1_) 1.6, RENAULT MEGANE II Coupé-Cabriolet (EM0/1_) 2.0, (+ 53)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – RENAULT SCENIC 2. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #16
- Combination spanner #18
- Torx bit T20
- Drive socket # 10
- Drive socket # 13
- Drive socket # 16
- Drive socket # E16
- Drive socket # 18
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Clip removal tool
- Rubber mallet
- Crow bar
- Hydraulic transmission jack
- Fender cover
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Renault Scenic 2. 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 – Renault Scenic 2.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

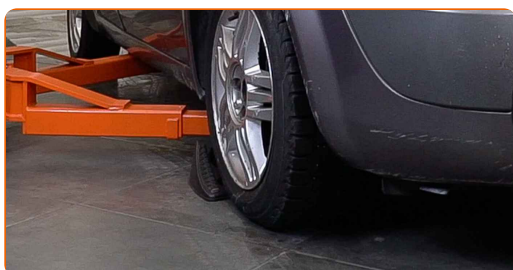
1 Open the bonnet.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Secure the wheels with chocks.



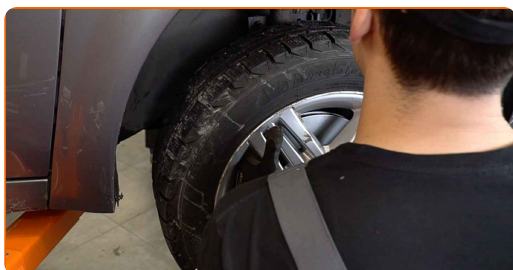
4 Loosen the wheel mounting bolts. Use wheel impact socket #19.



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



6 Unscrew the wheel bolts.



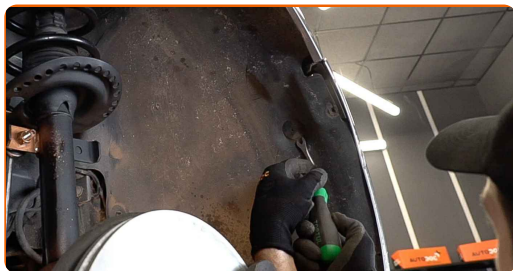
Replacement: front lower arm – Renault Scenic 2. Tip:

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

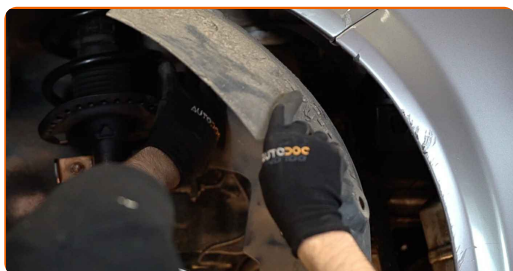
7 Remove the wheel.



8 Unscrew and remove the wheel arch cover fasteners. Use Torx T20. Use a clip removal tool.



9 Remove the wheel arch cover.



10 Unscrew the fasteners of the lower sound insulation. Use a drive socket #10.



11 Remove the lower sound insulation.

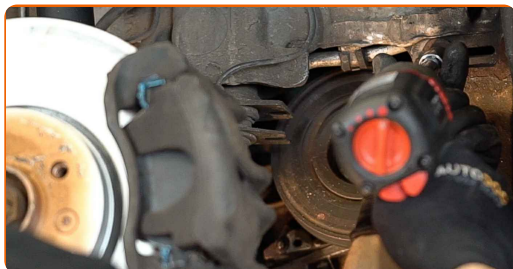
12 Clean the fasteners of the bumper reinforcement bar and of its bracket. Use a wire brush. Use WD-40 spray.

AUTODOC recommends:

- Replacement: front lower arm – Renault Scenic 2. After applying the spray, wait a few minutes.
- Wear protective goggles.

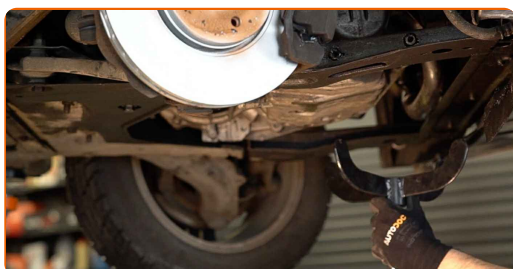
13

Unscrew the fasteners of the bumper reinforcement bar bracket. Use a drive socket #13.



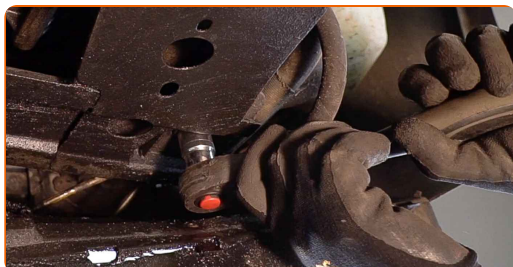
14

Support the lower radiator support to prevent it from falling when removing the bumper reinforcement bar. Use a hydraulic transmission jack.



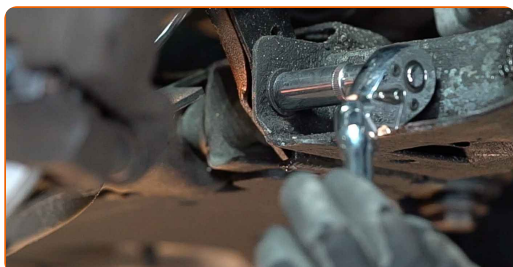
15

Loosen the fastener connecting the bumper reinforcement bar to the lower radiator support. Use a drive socket #18. Use a ratchet wrench.



16

Unscrew the fasteners connecting the bumper reinforcement bar to the subframe. Use a drive socket #13. Use a ratchet wrench.

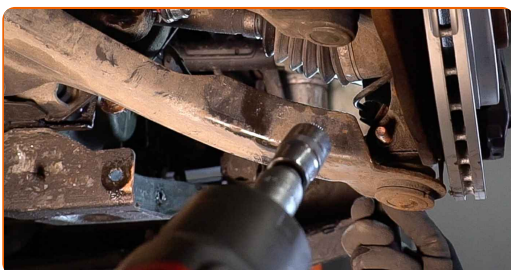


17 Detach and pull aside the bumper reinforcement bar. Use a crowbar.



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

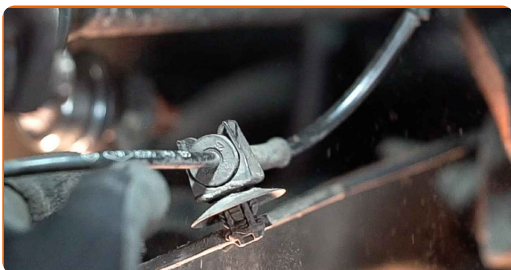
19 Unscrew the ball joint fastening to the steering knuckle. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.



20 Remove the fastening bolt.



21 Detach the ABS sensor wiring from the suspension control arm. Use a clip removal tool.



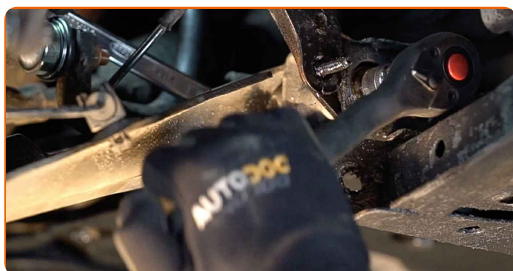
22

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



23

Unscrew the front arm fastener. Use a combination spanner #18. Use a drive socket #E16. Use a ratchet wrench.

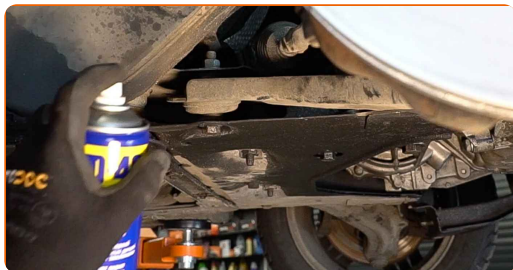


24

Remove the fastening bolt. Use a crowbar.

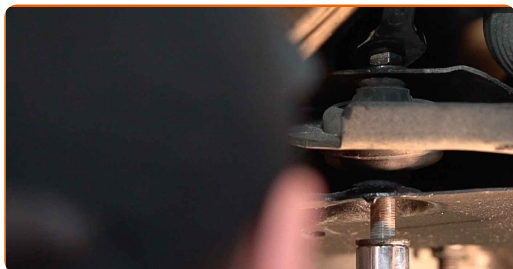
25

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

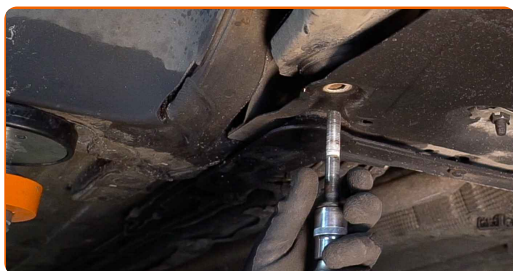


26

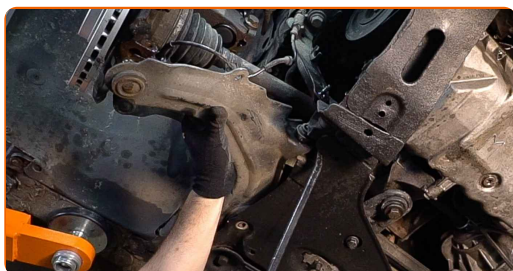
Unscrew the rear arm fastener. Use a combination spanner #18. Use a drive socket #18. Use a ratchet wrench.



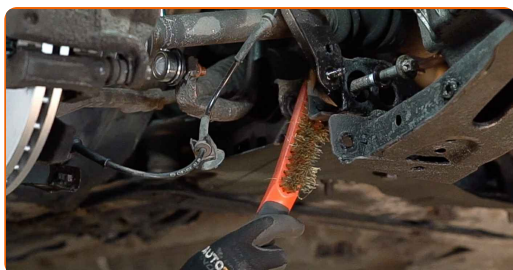
27 Remove the fastening bolt.



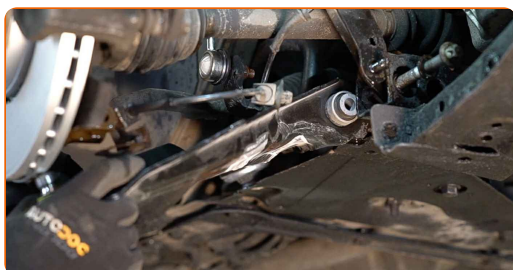
28 Remove the arm. Use a crowbar.



29 Clean the mounting seats and the thread of the suspension arm. Use a wire brush.



30 Install a new arm. Use a crowbar. Use a rubber mallet.



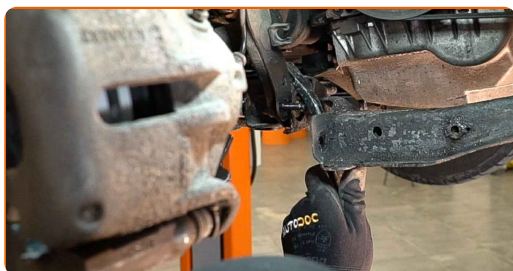
AUTODOC recommends:

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

31 Install the front fastener of the arm.



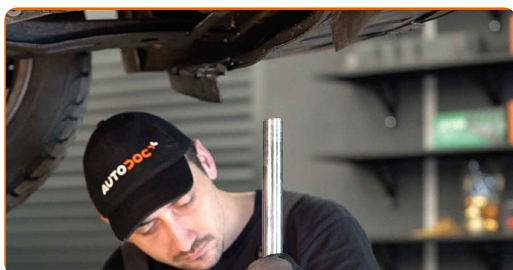
32 Screw the front arm fastener. Use a combination spanner #18. Use a drive socket #E16. Use a ratchet wrench.



33 Install the bumper reinforcement bar. Use a crowbar.

34 Screw in the fastener connecting the bumper reinforcement bar to the lower radiator support.

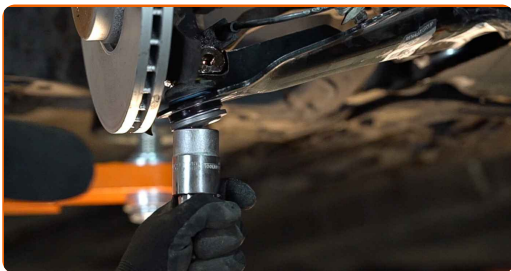
35 Remove the support from under the lower radiator support.



Replacement: front lower arm – Renault Scenic 2. AUTODOC recommends:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

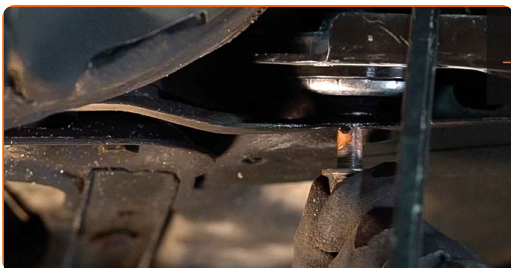
36 Support the arm. Use a hydraulic transmission jack.



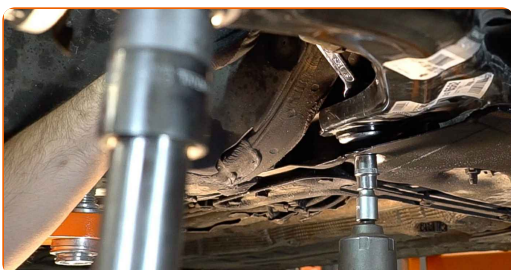
37 Install the fastening bolt. Use a combination spanner #16. Use a drive socket #16.



38 Install the rear fastener of the control arm.



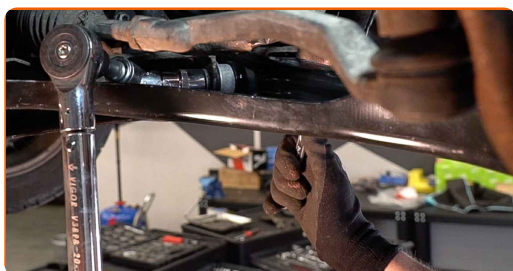
39 Screw the rear arm fastener. Use a combination spanner #18. Use a drive socket #18.



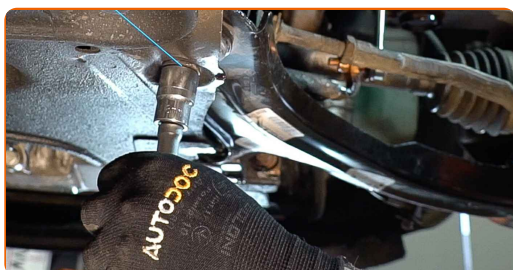
40 Raise the hydraulic transmission jack by 10-15 cm.



- 41 Tighten the front fastener connecting the control arm to the subframe. Use a combination spanner #18. Use a drive socket #13. Use a torque wrench. Tighten it to 70 nm torque.



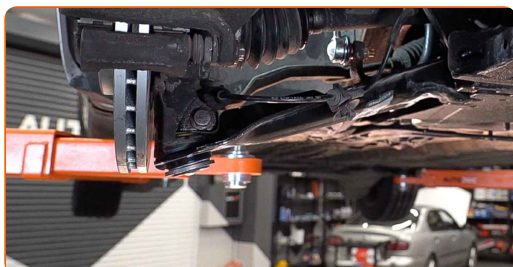
- 42 Tighten the rear fastener connecting the arm to the body subframe. Use a combination spanner #18. Use a drive socket #18. Use a torque wrench. Tighten it to 105 nm torque.



- 43 Tighten the ball joint fastener. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 62 nm torque.



- 44 Remove the support from under the arm.

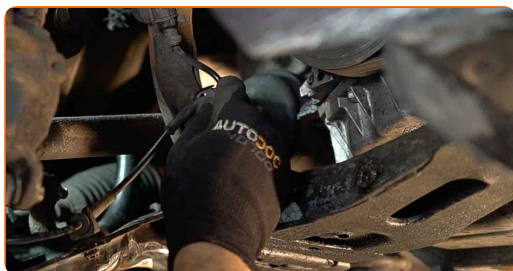


Replacement: front lower arm – Renault Scenic 2. AUTODOC experts recommend:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

45

Connect the ABS sensor wiring.



46

Tighten the fastener connecting the bumper reinforcement bar to the subframe. Use a drive socket #13. Use a ratchet wrench.



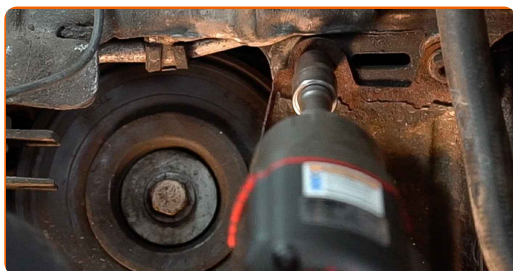
47

Tighten the fastener connecting the bumper reinforcement bar to the lower radiator support. Use a drive socket #18. Use a torque wrench. Tighten it to 75 nm torque.



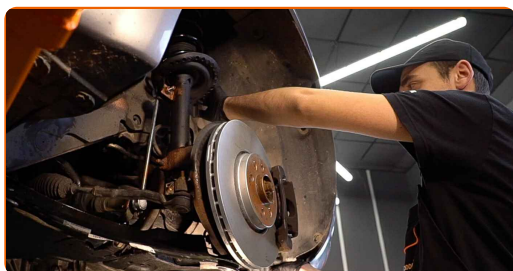
48

Screw in the fastener of the bumper reinforcement bar bracket. Use a drive socket #13.



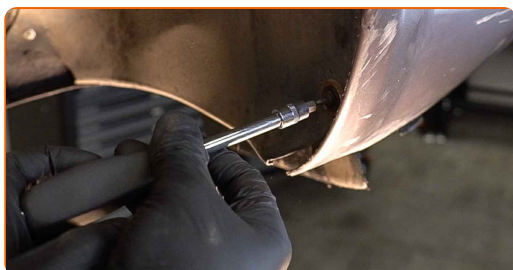
49

Treat all joints of the arm. Use copper grease.



50

Install the wheel arch cover to its mounting seat.



51

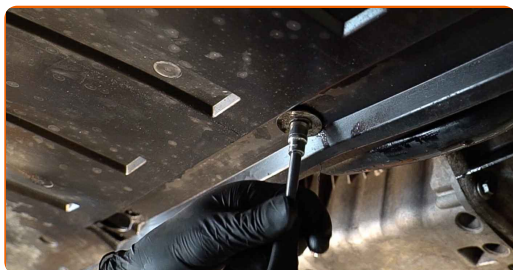
Install and tighten the wheel arch cover fasteners. Use Torx T20.

52

Install the lower sound insulation.

53

Screw in the fasteners of the lower sound insulation. Use a drive socket #10.



54

Clean the wheel rim mounting seat. Use a wire brush. Treat the contacting surface. Use copper grease.



55

Install the wheel.

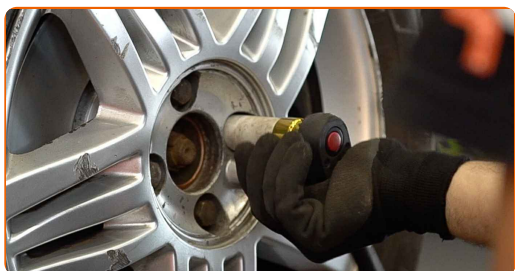


Replacement: front lower arm – Renault Scenic 2. Professionals recommend:

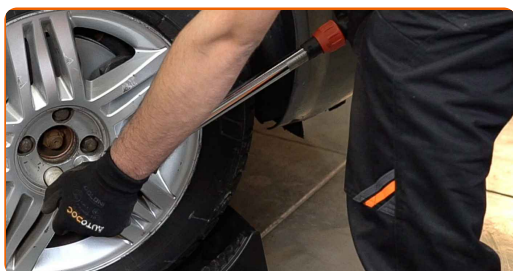
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

56

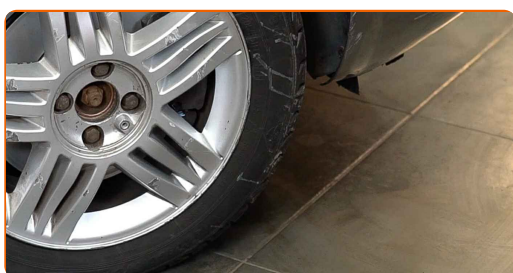
Screw in the wheel bolts. Use wheel impact socket #19.



- 57** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 110 nm torque.



- 58** Remove the jacks and chocks.



- 59** Remove the fender protection cover.

- 60** Close the hood.

WELL DONE! 

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