



How to change rear
wheel bearing on
RENAULT Twizy (MAM_)
– replacement guide

SIMILAR VIDEO TUTORIAL



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

Important!

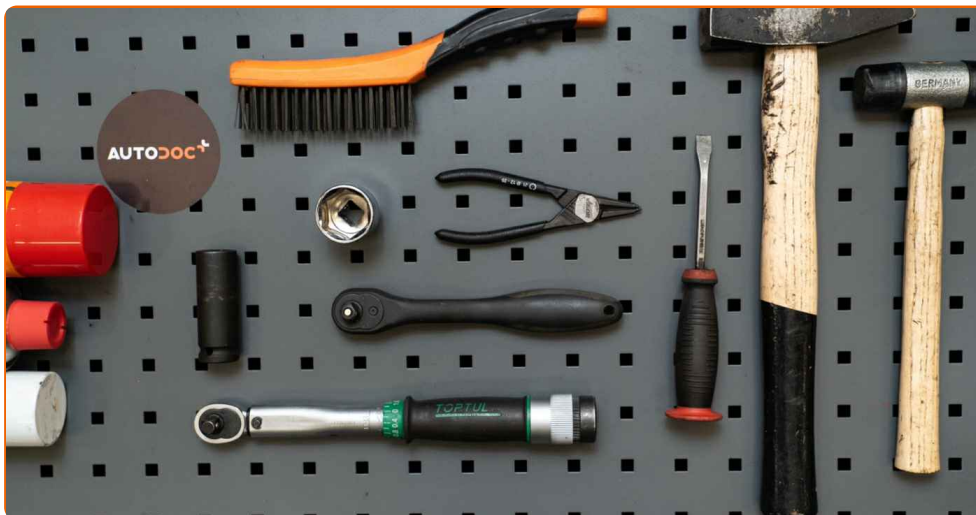
This replacement procedure can be used for:

RENAULT Twizy (MAM_) 80 (3CG 401), RENAULT Twizy (MAM_) 45

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 Clio III Hatchback (BR0/1, CR0/1) 1.5 dCi

REPLACEMENT: WHEEL BEARING – RENAULT TWIZY (MAM_). TOOLS YOU'LL NEED:



- WD-40 spray
- All-purpose cleaning spray
- Multipurpose grease
- Copper grease
- Torque wrench
- Drive socket # 30
- Wheel impact socket #17
- Tap wrench
- Hammer
- Rubber mallet
- Bush and bearing driver set
- Circlip pliers
- Crow bar
- Wheel chock

Buy tools

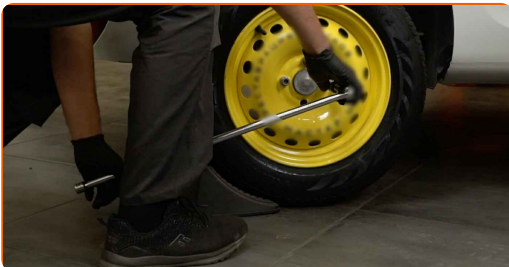
Replacement: wheel bearing – RENAULT Twizy (MAM_). AUTODOC experts recommend:

- Do not re-use the bearing assembly of your RENAULT Twizy (MAM_) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – RENAULT TWIZY (MAM_). USE THE FOLLOWING PROCEDURE:

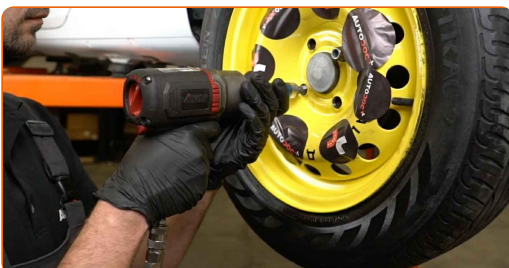
1 Secure the wheels with chocks.

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.

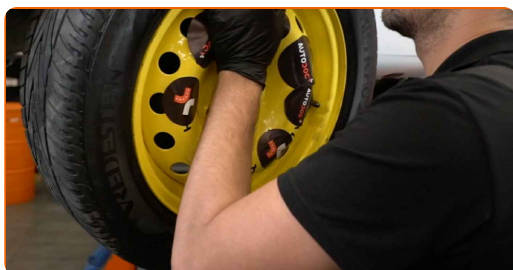


Replacement: wheel bearing – RENAULT Twizy (MAM_). Professionals recommend:

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

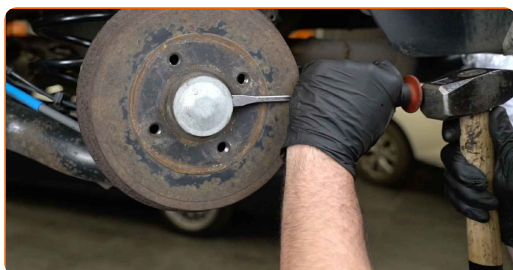
5

Remove the wheel.



6

Remove the hub bearing protection cap. Use a hammer. Use a crowbar.



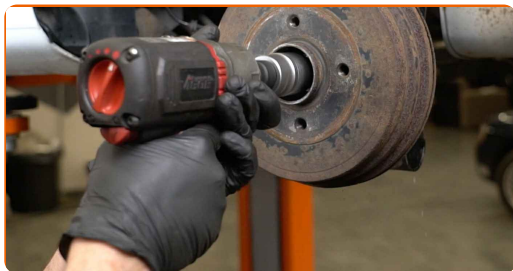
Replacement: wheel bearing – RENAULT Twizy (MAM_). Tip:

- Some cars are not equipped with wheel hub caps.

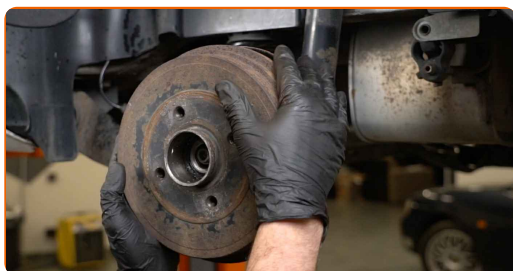
7

Clean the wheel hub fastener. Use WD-40 spray.

8 Unscrew the wheel hub axle nut. Use a drive socket #30. Use a tap wrench.



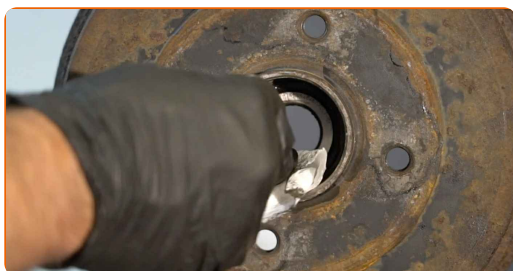
9 Remove the brake drum assembled with the wheel hub bearing.



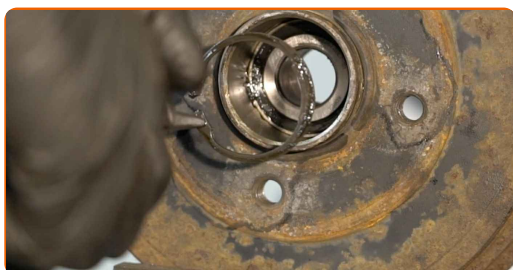
Replacement: wheel bearing – RENAULT Twizy (MAM_). AUTODOC experts recommend:

- Examine the brake drum. Replace it if necessary.

10 Clean the fasteners of the wheel hub bearing.



11 Remove the wheel hub bearing retaining ring. Use circlip pliers.



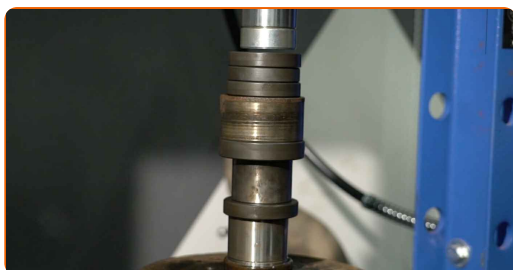
12 Press out the wheel hub bearing. Use a bush and bearing driver set.



13 Clean the hub bearing mounting seat. Use WD-40 spray.



14 Press fit the new wheel hub bearing into the brake drum. Use a bush and bearing driver set.



Replacement: wheel bearing – RENAULT Twizy (MAM_). Tip from AUTODOC experts:

- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

15 Install the wheel hub bearing retaining ring. Use circlip pliers.



16 Clean the hub bearing mounting seat. Use all-purpose cleaning spray.



17 Apply special grease to the bearing assembly mounting seat. Use a multipurpose grease.



18 Install the brake drum assembled with the wheel hub bearing.



19

Tighten the hub. Use a drive socket #30. Use a torque wrench. Tighten it to 175 nm torque.



Replacement: wheel bearing – RENAULT Twizy (MAM_). AUTODOC experts recommend:

- The wheel bearing unit must not tilt on the axle pin.

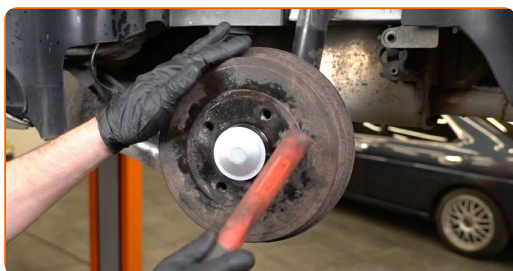
20

Install the hub bearing protection cap. Use a rubber mallet.



21

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



22

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



23

Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. RENAULT Twizy (MAM_)

24

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



25

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 105 Nm torque.

26

Remove the jacks and chocks.



WELL DONE! 

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WHEEL BEARING: A WIDE SELECTION

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