



How to change rear  
wheel bearing on  
**RENAULT KANGOO**  
**Express (FW0/1\_)** –  
replacement guide

### SIMILAR VIDEO TUTORIAL



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

#### **ⓘ Important!**

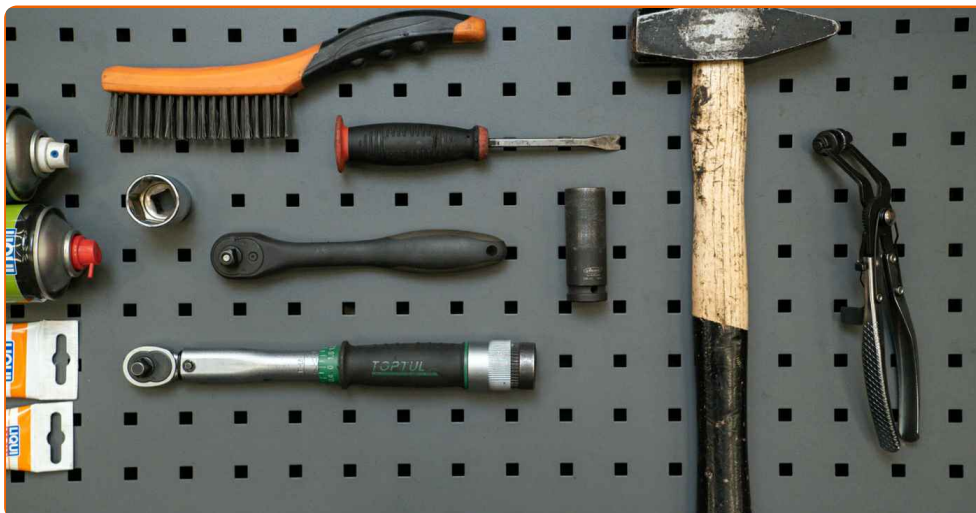
This replacement procedure can be used for:

RENAULT KANGOO Express (FW0/1\_) 1.6 (FW00, FW0E, FW0N, FW0P, FW0Y),  
 RENAULT KANGOO Express (FW0/1\_) 1.6 16V (FW03, FW09, FW0D, FW0U, FW0W,  
 FW13), RENAULT KANGOO Express (FW0/1\_) 1.5 dCi 70 (FW0A, KW0V), RENAULT  
 KANGOO Express (FW0/1\_) 1.5 dCi 85 (FW0K, FW0L, FW0B), RENAULT KANGOO  
 Express (FW0/1\_) 1.5 dCi 105 (FW0F)

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: NISSAN MICRA III (K12) 1.4 16V

**REPLACEMENT: WHEEL BEARING – RENAULT KANGOO EXPRESS (FW0/1\_). TOOLS YOU MIGHT NEED:**



- Wire brush
- All-purpose cleaning spray
- Ceramic grease
- Torque wrench
- Drive socket # 30
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Crow bar
- Hammer
- Circlip pliers
- Bush and bearing driver set
- Wheel chock

**Buy tools**

Replacement: wheel bearing – RENAULT KANGOO Express (FW0/1\_).  
Professionals recommend:

- Do not re-use the bearing assembly of your RENAULT KANGOO Express (FW0/1\_) 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 KANGOO EXPRESS (FW0/1\_). TAKE THE FOLLOWING STEPS:**

**1** Secure the wheels with chocks.

**2** Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



**3** Raise the car.

Replacement: wheel bearing – RENAULT KANGOO Express (FW0/1\_).  
AUTODOC experts recommend:

- 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.

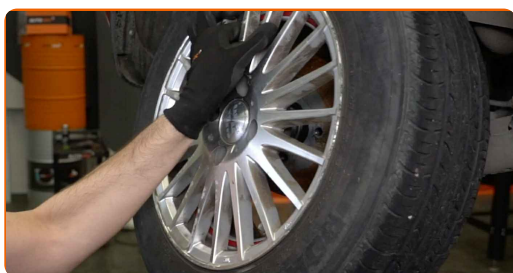
**4** Unscrew the wheel bolts.



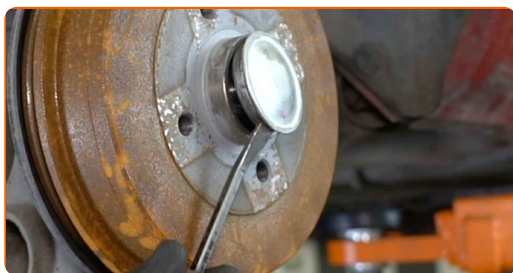
**AUTODOC recommends:**

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

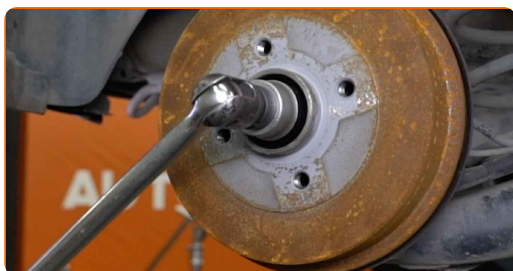
**5** Remove the wheel.



**6** Remove the hub bearing cap. Use a crowbar. Use a hammer.



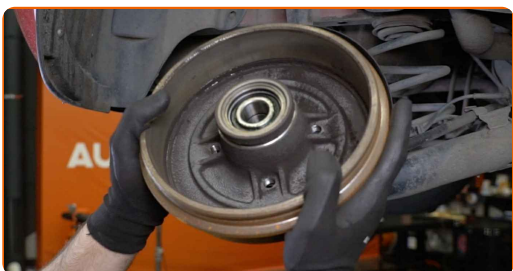
**7** Unscrew the wheel hub fastener. Use a drive socket #30. Use a tap wrench.



**8** Remove the fastening nut.



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



Replacement: wheel bearing – RENAULT KANGOO Express (FW0/1\_). Tip:

- Examine the brake drum. Replace it if necessary.

**10** Remove the wheel hub bearing retaining ring. Use circlip pliers.



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



**12**

Clean the hub bearing mounting seat. Use a wire brush.



**13**

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



**AUTODOC recommends:**

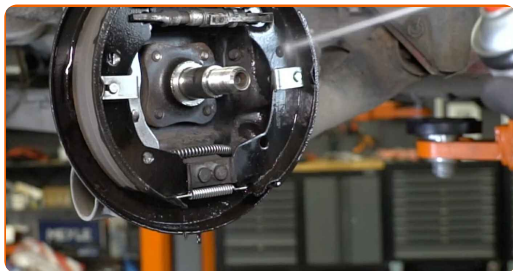
- Check to make sure the wheel hub bearing is positioned correctly. Avoid its misalignment.
- Stop pressing on the surface of the bearing immediately after it has been fitted into its mounting seat.

**14**

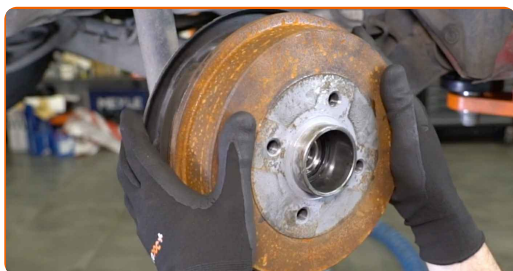
Install the wheel hub bearing retaining ring. Use circlip pliers.



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



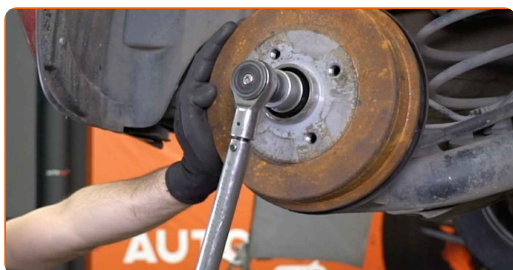
**16** Install the brake drum assembled with the wheel hub bearing.



**17** Install the fastening nut.



**18** Tighten the hub fastener. Use a drive socket #30. Use a torque wrench. Tighten it to 175 Nm torque.





Replacement: wheel bearing – RENAULT KANGOO Express (FW0/1\_).  
AUTODOC experts recommend:

- Important! Be sure to use new fasteners.

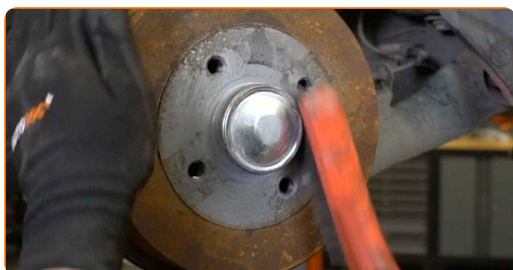
19

Install the hub bearing cap. Use a bush and bearing driver set. Use a hammer.



20

Clean the wheel rim mounting seat. Use a wire brush. Use all-purpose cleaning spray.



21

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



22

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. RENAULT KANGOO Express (FW0/1\_)

23

Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



24

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 110 Nm torque.



25

Remove the jacks and chocks.



**WELL DONE!** 

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**WHEEL BEARING: A WIDE SELECTION**

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