



How to change rear  
wheel bearing on **ALFA  
ROMEO SPIDER (939)** –  
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:

ALFA ROMEO SPIDER (939) 2.0 JTDM, ALFA ROMEO SPIDER (939) 2.2 JTS, ALFA ROMEO SPIDER (939) 2.4 JTDM, ALFA ROMEO SPIDER (939) 3.2 JTS, ALFA ROMEO SPIDER (939) 1.8 TBi

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: ALFA ROMEO 159 Sportwagon (939) 2.2 JTS

**REPLACEMENT: WHEEL BEARING – ALFA ROMEO SPIDER (939). TOOLS YOU MIGHT NEED:**



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Copper grease
- Combination spanner #13
- Combination spanner #15
- Drive socket # E12
- Drive socket # 13
- Drive socket # E14
- HEX bit No.H5.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hammer
- Crow bar
- Wheel chock

**Buy tools**

Replacement: wheel bearing – ALFA ROMEO SPIDER (939). Tip from AUTODOC:

- Do not re-use the bearing assembly of your ALFA ROMEO SPIDER (939) car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- Warning! Shut down the engine before starting any work – ALFA ROMEO SPIDER (939).

**CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:**

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 – ALFA ROMEO SPIDER (939). AUTODOC recommends:

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

5

Remove the wheel.



6

Clean the brake caliper fasteners. Use a wire brush. Use a brake cleaner.



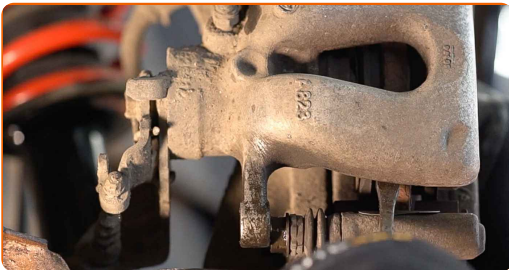
AUTODOC recommends:

- Replacement: wheel bearing – ALFA ROMEO SPIDER (939). After applying the spray, wait a few minutes.

- 7** Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15. Use a ratchet wrench.



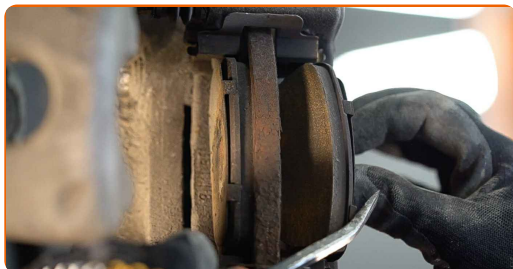
- 8** Remove the brake caliper. Use a crowbar.



Replacement: wheel bearing – ALFA ROMEO SPIDER (939). Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

**9** Remove the brake pads. Use a crowbar.

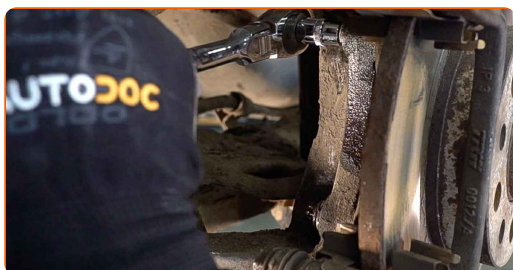


**10** Remove the brake pads retaining clips.

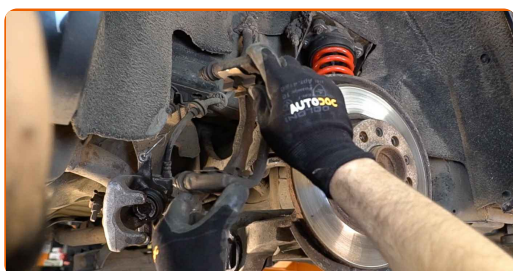
**11** Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.



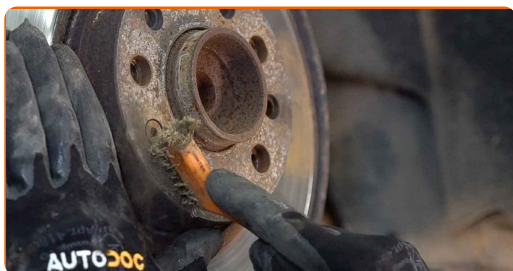
**12** Unscrew the caliper bracket fastening. Use a drive socket #E12. Use a ratchet wrench.



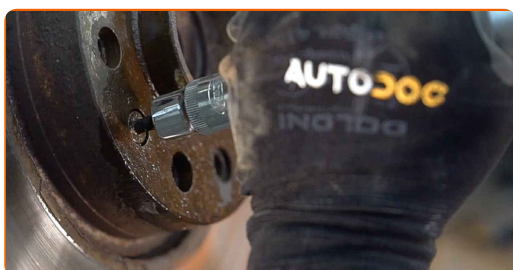
**13** Remove the caliper bracket.



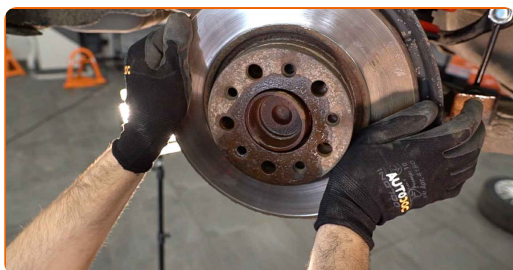
**14** Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



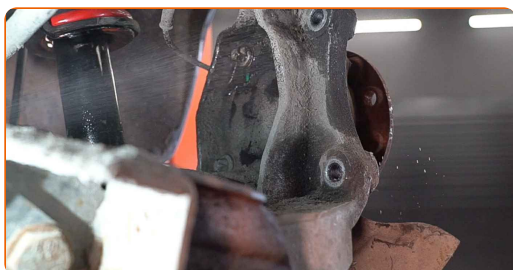
**15** Unscrew the brake disc fastening. Use HEX No.H5. Use a ratchet wrench.



**16** Remove the brake disc.



**17** Clean the wheel hub fastener. Use a wire brush. Use WD-40 spray.

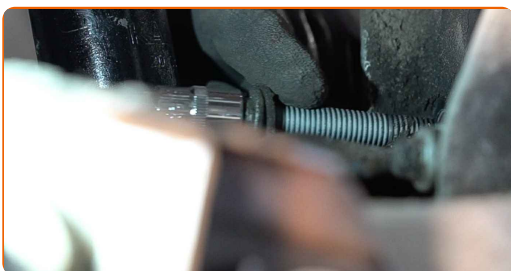




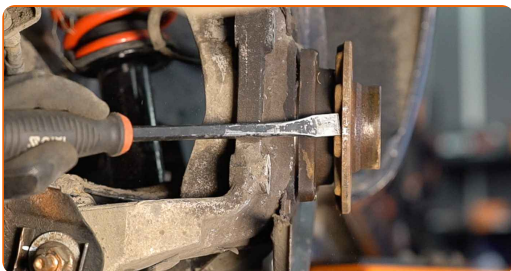
**18** Unscrew the wheel hub axle nut. Use a drive socket #E14. Use a ratchet wrench.



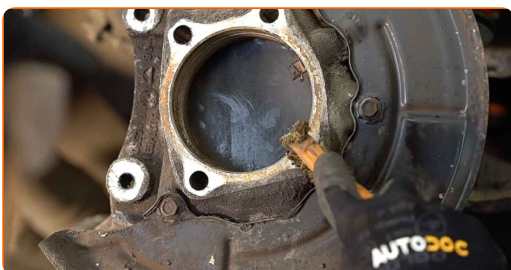
**19** Remove the fastening bolts.



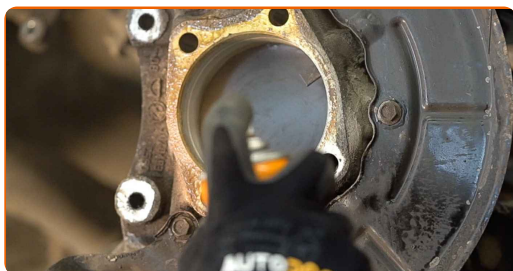
**20** Remove the hub and the bearing together, since they are a sealed unit. Use a crowbar. Use a hammer.



**21** Clean the hub bearing mounting seat. Use a wire brush. Use all-purpose cleaning spray.



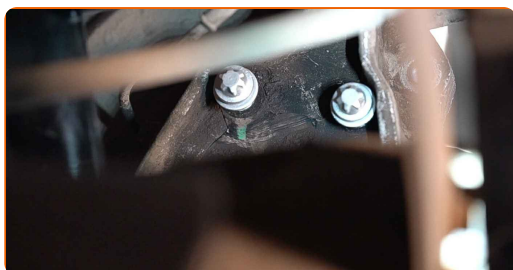
**22** Treat the contacting surface. Use copper grease.



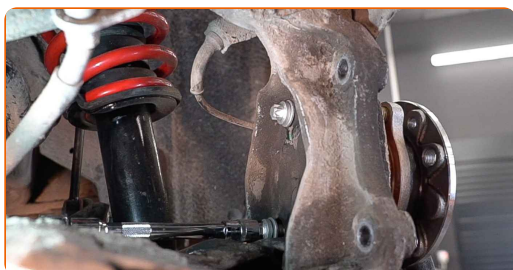
**23** Install the new wheel hub with a bearing.



**24** Install the fastening bolts.



**25** Tighten the hub. Use a drive socket #E14. Use a torque wrench. Tighten it to 77 Nm torque.



**26** Treat the hub where it contacts the brake disk. Use copper grease.



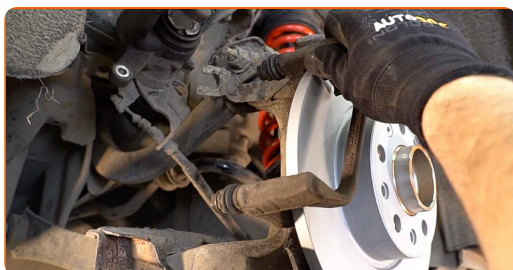
**27** Install the brake disc.



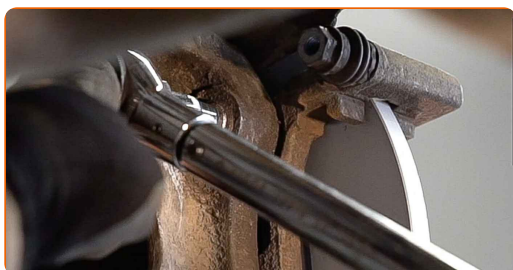
**28** Tighten the brake disc fastening. Use HEX No.H5. Use a torque wrench. Tighten it to 7 Nm torque.



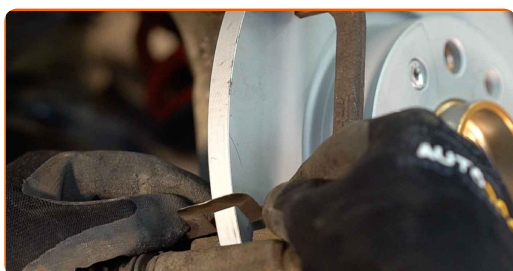
**29** Install the brake caliper bracket.



**30** Tighten the brake caliper bracket. Use a drive socket #E12. Use a torque wrench. Tighten it to 60 Nm torque.



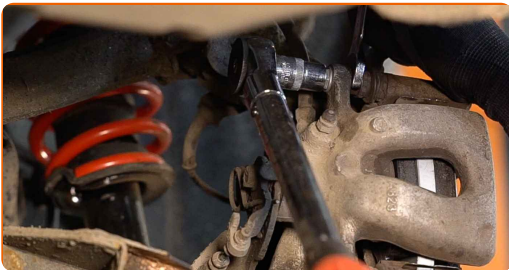
**31** Install the brake pads.



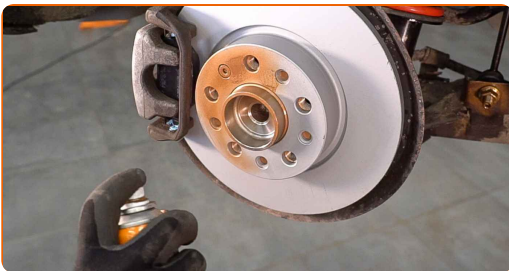
**32** Install the brake pads retaining clips.



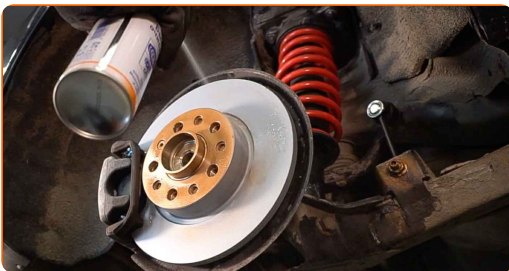
**33** Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



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



**35** Clean the brake disk surface. Use a brake cleaner.



Replacement: wheel bearing – ALFA ROMEO SPIDER (939). Professionals recommend:

- After applying the spray, wait a few minutes.

36

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

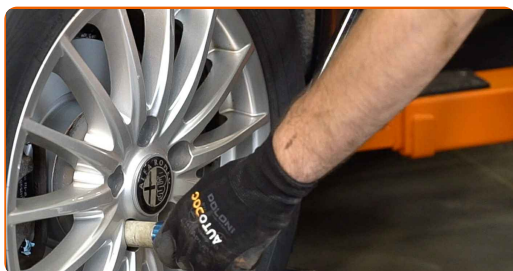


**AUTODOC recommends:**

- Important! Hold the wheel while screwing in the fastening bolts. ALFA ROMEO SPIDER (939)

37

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



**WELL DONE!** 

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