



VIDEO TUTORIAL

## Important!

This replacement procedure can be used for:

OPEL ASTRA G Hatchback (T98) 1.2 16V (F08, F48), OPEL ASTRA G Saloon  
(T98) 1.2 16V (F69)

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The steps may slightly vary depending on the car design.

## REQUIRED TOOLS:



- Wire brush
- WD-40 spray
- Copper grease
- Drive socket # E20
- Wheel impact socket #17
- Torque wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

## AUTODOC recommends:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All work should be done with the engine stopped.

## 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.

### AUTODOC recommends:

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

5



Remove the wheel.



6.1



Clean the shock absorber fasteners.

6.2



Use a wire brush. Use WD-40 spray.

7



Support the arm. Use a hydraulic transmission jack.

8



Unscrew the lower fastener of the shock absorber. Use a drive socket #E20. Use a tap wrench.

9



Remove the fastening bolt.

10



Unscrew the upper fastener of the shock absorber. Use a drive socket #E20. Use a tap wrench.

### AUTODOC recommends:

- To avoid injuries, hold the shock absorber when undoing the fastening bolts.



11



Remove the shock absorber.

### AUTODOC recommends:

- Before installing a new shock absorber you should pump it manually 3-5 times.

12



Place the shock absorber in the wheel arch and secure it.

## AUTODOC recommends:

- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

13



Screw the upper fastener of the shock absorber. Use a drive socket #E20.

14



Screw in the lower fastener of the shock absorber. Use a drive socket #E20.

15



Raise the hydraulic transmission jack by 10-15 cm. Use a hydraulic transmission jack.

16



Tighten the top shock absorber fastening. Use a drive socket #E20. Use a torque wrench. Tighten it to 72 Nm torque.



17



Tighten the lower fastener of the shock absorber. Use a drive socket #E20. Use a torque wrench. Tighten it to 72 Nm torque.

18



Remove the support from under the arm.

### AUTODOC recommends:

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



19



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

20



Install the wheel.

### AUTODOC recommends:

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

21



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

22



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

23



Remove the jacks and chocks.

**DID YOU FIND THESE INSTRUCTIONS  
HELPFUL?**

**YES**

**NO**



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