



How to change rear
shock absorbers on **Opel**
Astra H Caravan –
replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:

OPEL Astra H Caravan (A04) 1.6 LPG (L35), OPEL Astra H Caravan (A04) 1.4 LPG (L35), OPEL Astra H Caravan (A04) 1.4 (L35), OPEL ASTRA H Box (L70) 1.7 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI (L70), OPEL ASTRA H Box (L70) 1.9 CDTI 16V (L70), OPEL ASTRA H Box (L70) 1.3 CDTI (L70), OPEL Astra H GTC (A04) 1.4 (L08), OPEL Astra H Hatchback (A04) 1.4 LPG (L48), OPEL Astra H Hatchback (A04) 1.4 (L48), OPEL ZAFIRA TOURER C (P12) 1.8 (75), OPEL Astra H Hatchback (A04) 1.6 (L48), OPEL Astra H Hatchback (A04) 1.8 (L48), OPEL Astra H Hatchback (A04) 1.7 CDTI (L48), OPEL Astra H Hatchback (A04) 2.0 Turbo (L48), (+ 39)

The steps may slightly vary depending on the car design.

**REPLACEMENT: SHOCK ABSORBERS – OPEL ASTRA H
CARAVAN. TOOLS YOU'LL NEED:**



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 18
- Drive socket # E20
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

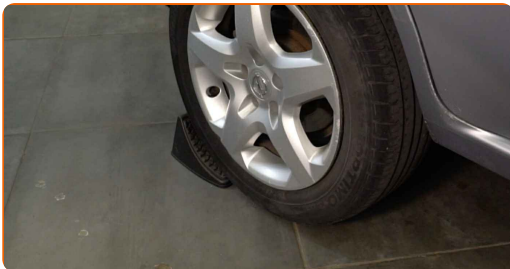
Replacement: shock absorbers – Opel Astra H Caravan. AUTODOC experts recommend:

- 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.
- Please note: all work on the car – Opel Astra H Caravan – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Secure the wheels with chocks.



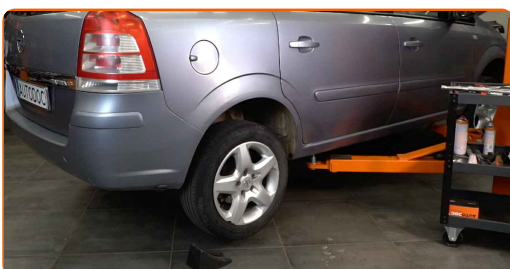
2

Loosen the wheel mounting bolts. Use wheel impact socket #17.



3

Raise the rear of the car and secure on supports.



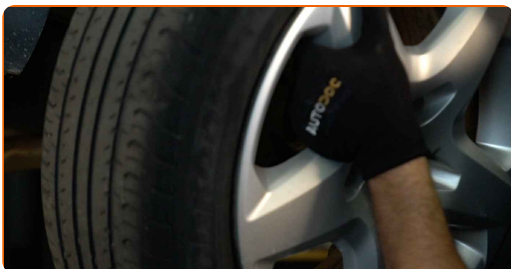
4 Unscrew the wheel bolts.



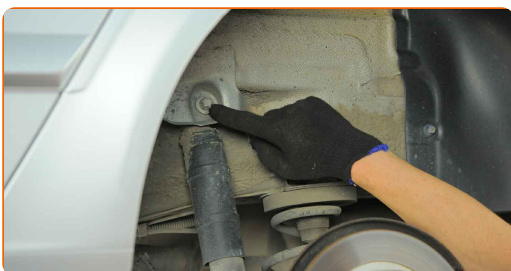
Replacement: shock absorbers – Opel Astra H Caravan. AUTODOC recommends:

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

5 Remove the wheel.



6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



7

Loosen the lower fastener of the shock absorber. Use a drive socket #E20. Use a ratchet wrench.

**8**

Support the rear suspension beam. Use a hydraulic transmission jack.

**9**

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

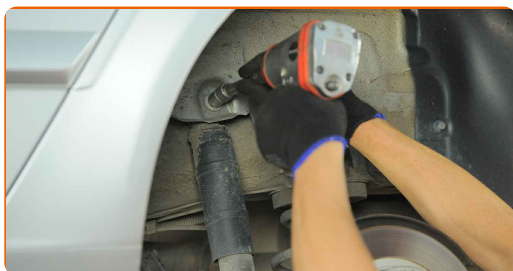
**10**

Remove the fastening bolt.



11

Unscrew the upper fastener of the shock absorber. Use a drive socket #18. Use a ratchet wrench.

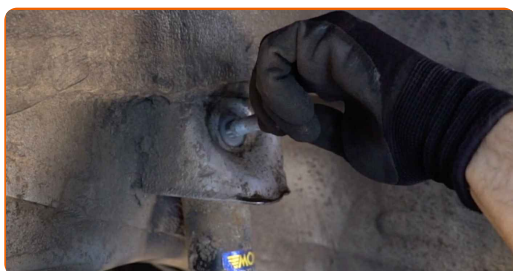


AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. Opel Astra H Caravan

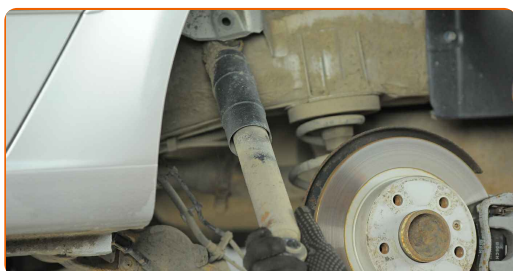
12

Remove the fastening bolt.



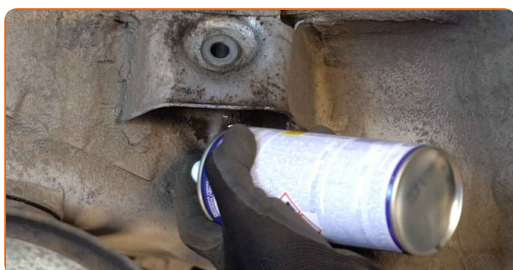
13

Remove the shock absorber.



14

Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

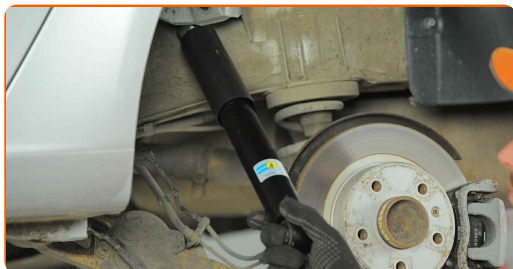


Replacement: shock absorbers – Opel Astra H Caravan. Tip:

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

15

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



AUTODOC recommends:

- Opel Astra H Caravan – To avoid injury, hold the shock absorber while screwing in the fastening bolts.

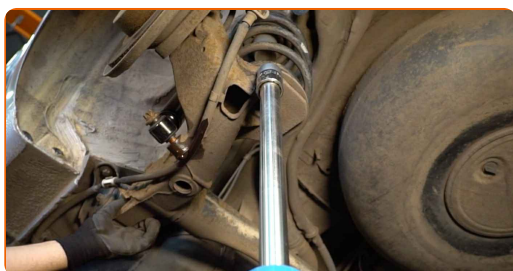
16

Install the fastening bolts (2 pieces).



17

Raise the hydraulic transmission jack by 10-15 cm.



- 18** Tighten the top shock absorber fastening. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.



- 19** Tighten the lower fastener of the shock absorber. Use a drive socket #E20. Use a torque wrench. Tighten it to 130 Nm torque.



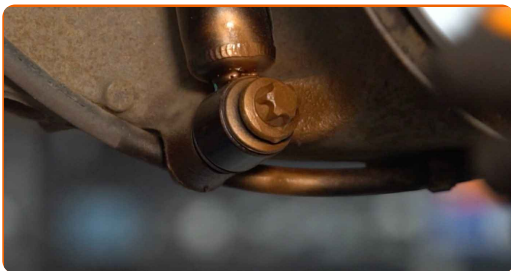
- 20** Remove the mounting from under the rear axle beam.



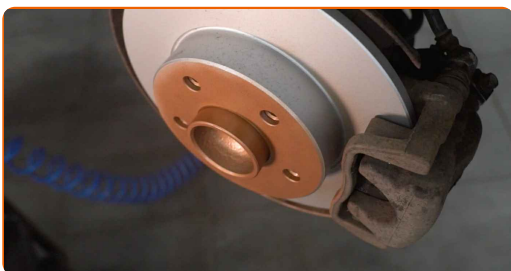
AUTODOC recommends:

- Opel Astra H Caravan – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

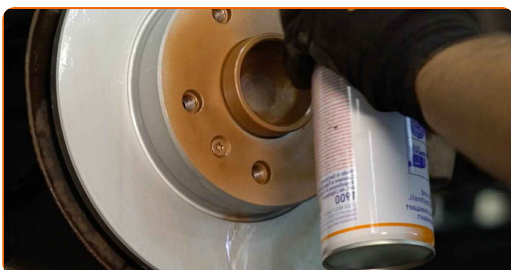
21 Treat the shock absorber fasteners. Use copper grease.



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



23 Clean the brake disk surface. Use a brake cleaner.



Replacement: shock absorbers – Opel Astra H Caravan. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

24 Install the wheel.

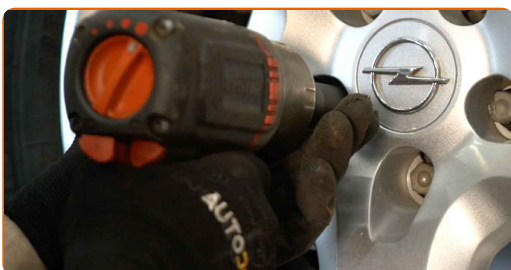


AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Opel Astra H Caravan

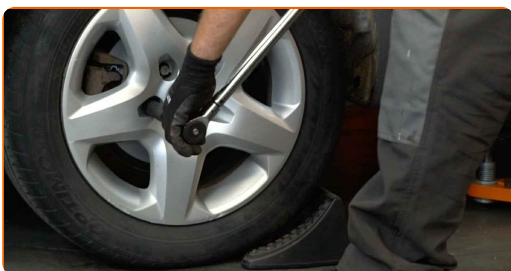
25

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



26

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.



27

Remove the jacks and chocks.



WELL DONE! 

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