



How to change front
brake hose on **BMW 3**
Saloon (E46) –
replacement guide

SIMILAR VIDEO TUTORIAL



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

i Important!

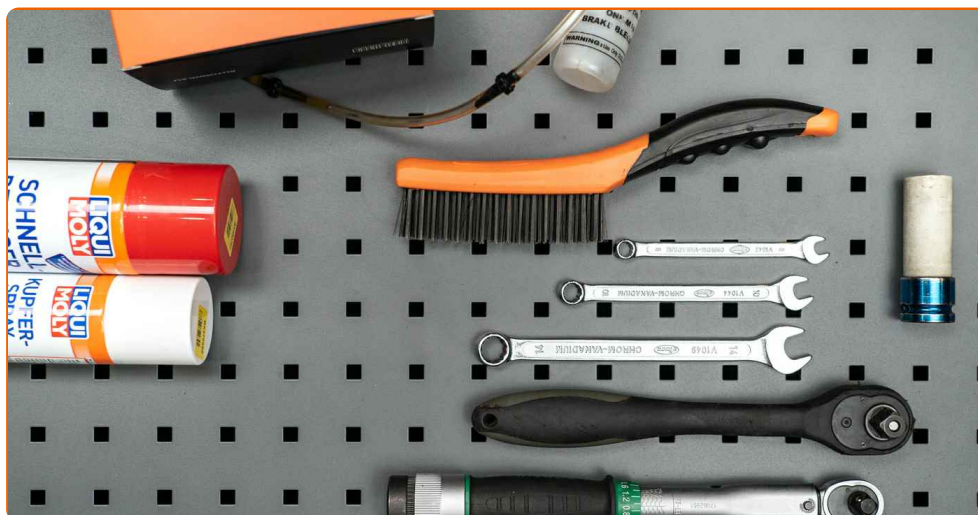
This replacement procedure can be used for:

BMW 3 Saloon (E46) 318i 1.9, BMW 3 Saloon (E46) 328i 2.8, BMW 3 Saloon (E46) 320d 2.0, BMW 3 Saloon (E46) 323i 2.5, BMW 3 Saloon (E46) 320i 2.0, BMW 3 Saloon (E46) 316i 1.9, BMW 3 Saloon (E46) 330d 2.9, BMW 3 Saloon (E46) 330xd 2.9, BMW 3 Saloon (E46) 330xi 3.0, BMW 3 Saloon (E46) 330i 3.0, BMW 3 Saloon (E46) 320i 2.2, BMW 3 Saloon (E46) 325i 2.5, BMW 3 Saloon (E46) 325xi 2.5, BMW 3 Saloon (E46) 316i 1.6, BMW 3 Saloon (E46) 318i 2.0, (+ 4)

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: BMW 3 Convertible (E46) 318Ci 2.0

REPLACEMENT: BRAKE HOSE – BMW 3 SALOON (E46). TOOLS YOU NEED:



- Wire brush
- Brake cleaner
- Copper grease
- Combination spanner #8
- Combination spanner #10
- Combination spanner #14
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Brake bleeder kit
- Fluid container
- Wheel chock

Buy tools

Replacement: brake hose – BMW 3 Saloon (E46). AUTODOC experts recommend:

- The replacement procedure is identical for the right and left brake hoses on the same axle.
- All work should be done with the engine stopped.

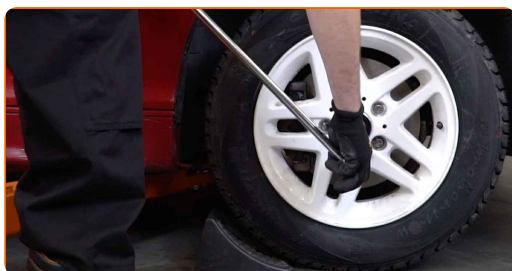
REPLACEMENT: BRAKE HOSE – BMW 3 SALOON (E46). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



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



4 Raise the front of the car and secure on supports.

5

Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW 3 Saloon (E46)

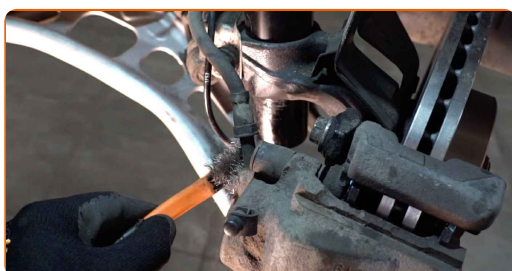
6

Remove the wheel.



7

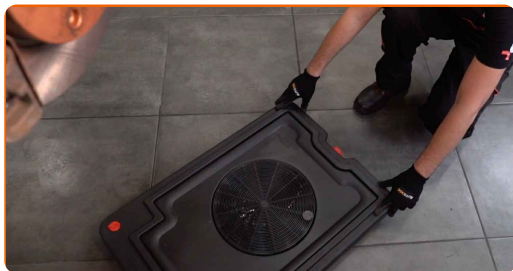
Clean the area where the brake hose is connected to the brake caliper and to the brake circuit pipe. Use a wire brush. Use a brake cleaner.



Replacement: brake hose – BMW 3 Saloon (E46). Tip:

- After applying the spray, wait a few minutes.

- 8 Put a container for gathering brake fluid beneath.



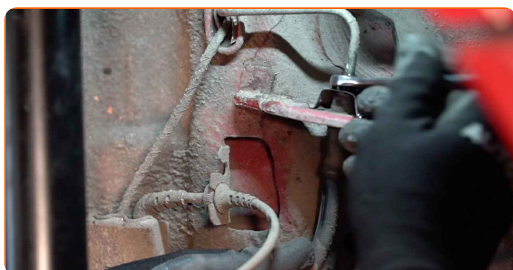
- 9 Loosen the brake hose fastening. Use a combination spanner #14. Use a ratchet wrench.



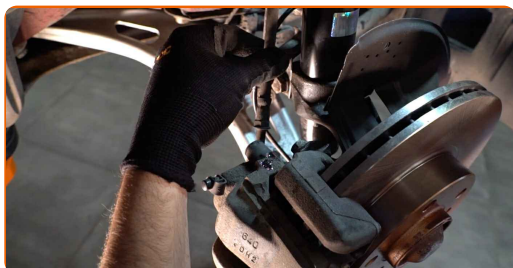
- 10 Detach the brake hose from the shock strut.



- 11 Unscrew the fastener connecting the brake hose to the brake circuit pipe. Use a combination spanner #10.



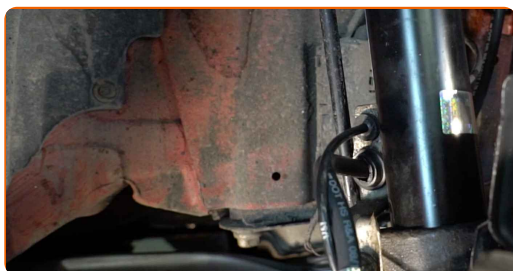
- 12 Unscrew the brake hose from the brake caliper.



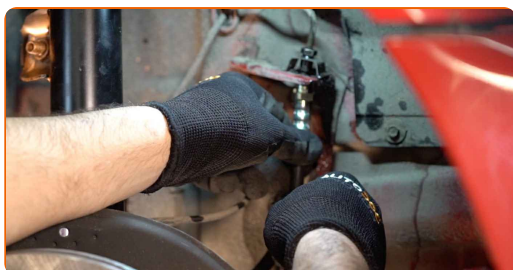
- 13** Screw the new brake hose onto the brake caliper.



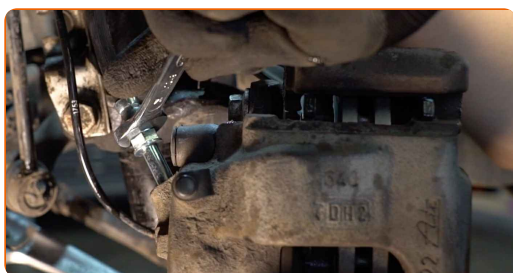
- 14** Fasten the brake hose on the strut.



- 15** Screw the brake hose onto the brake circuit pipe.



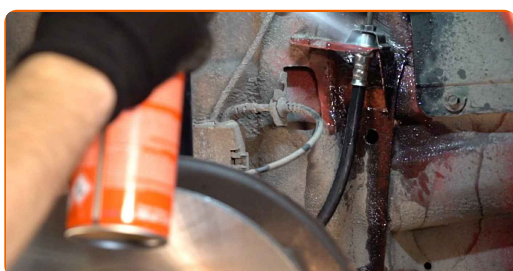
- 16** Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 22 Nm torque.



- 17** Tighten the fastener connecting the brake hose to the brake circuit pipe. Use a combination spanner #10. Use a torque wrench. Tighten it to 14 Nm torque.



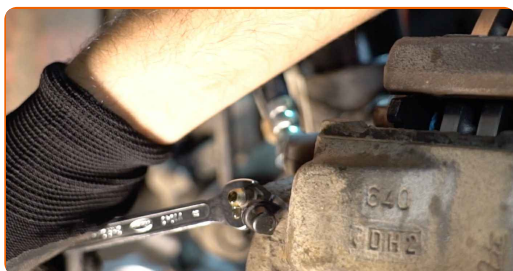
- 18** Clean the brake hose mounting seat on the brake circuit pipe. Use a brake cleaner.



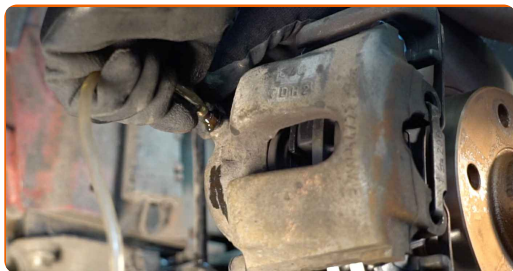
AUTODOC recommends:

- Replacement: brake hose – BMW 3 Saloon (E46). After applying the spray, wait a few minutes.

- 19** Undo the brake bleeder screw. Use a combination spanner #8.



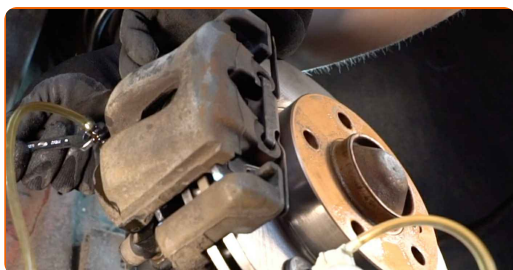
- 20 Connect the brake bleeder kit to the brake bleeder screw.



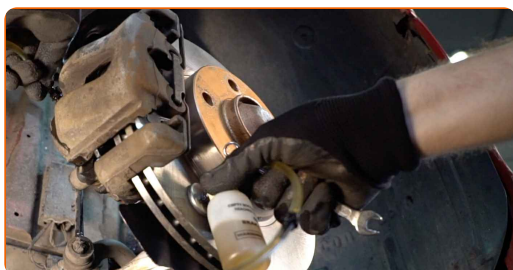
- 21 Press the brake pedal several times to remove any air from the system.



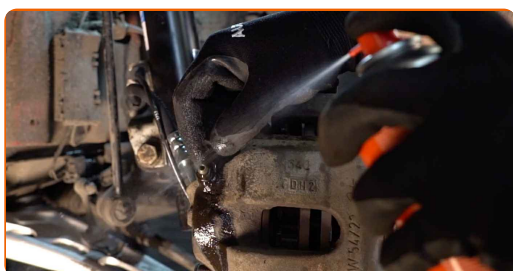
- 22 Tighten the brake bleeder screw. Use a combination spanner #8.



- 23 Disconnect the brake bleeder kit.



- 24 Clean dirt from the brake hose bolt. Use a brake cleaner.

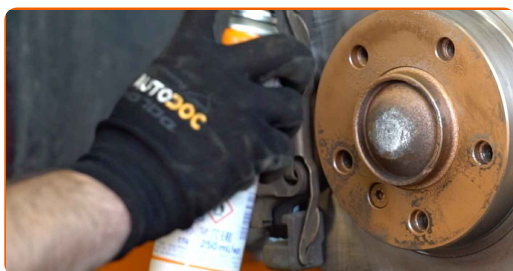


Replacement: brake hose – BMW 3 Saloon (E46). AUTODOC recommends:

- After applying the spray, wait a few minutes.

25

Clean the brake disk surface. Use a wire brush. Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



26

Install the wheel.

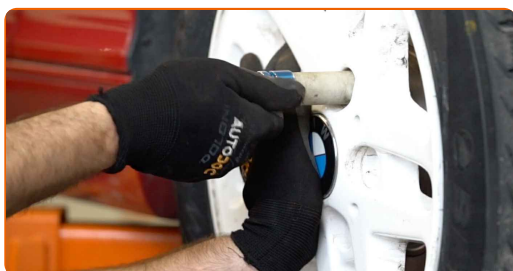


Replacement: brake hose – BMW 3 Saloon (E46). Tip from AUTODOC experts:

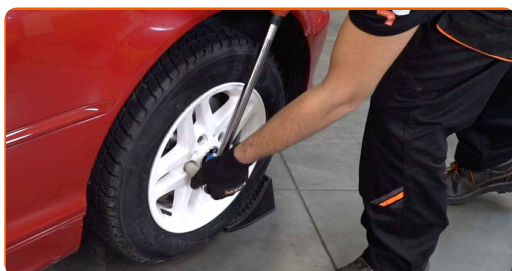
- To avoid injury, hold up the wheel when screwing in the fastening bolts.

27

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



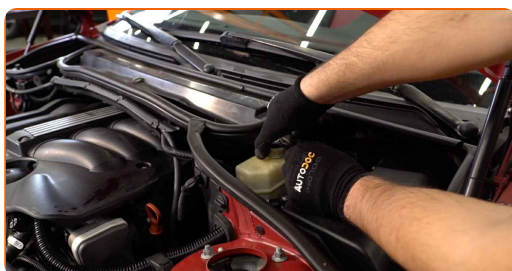
- 28** Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



- 29** Remove the jacks and chocks.



- 30** Check the brake fluid level in the expansion tank and refill if necessary.



- 31** Tighten the brake fluid reservoir cap. Close the hood.

WELL DONE! 

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