



How to change front  
brake hose on **BMW E46**  
**convertible** –  
replacement guide

## VIDEO TUTORIAL



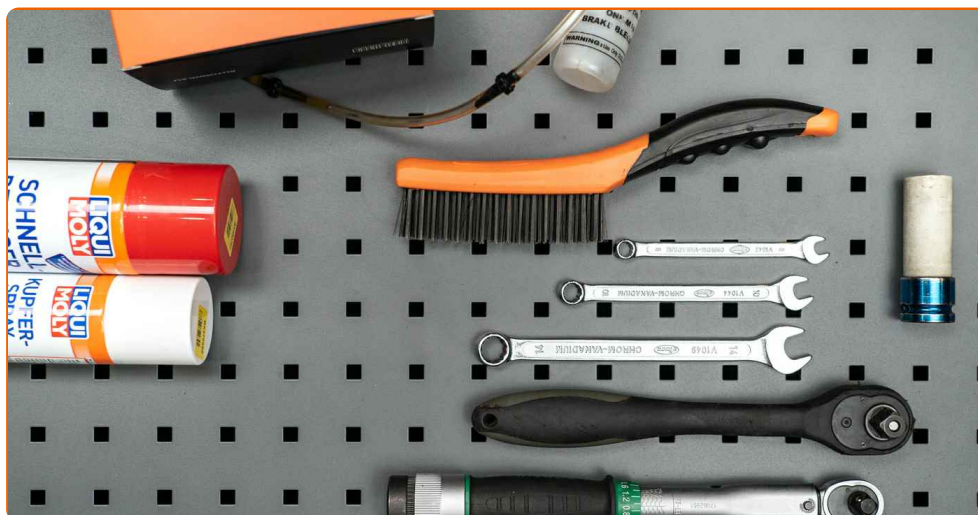
### Important!

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 Coupe (E46) 323Ci 2.5, BMW 3 Coupe (E46) 328Ci 2.8, BMW 3 Saloon (E46) 316i 1.9, BMW 3 Touring (E46) 320i 2.0, BMW 3 Coupe (E46) 320Ci 2.0, BMW 3 Coupe (E46) 318Ci 1.9, BMW 3 Touring (E46) 318i 1.9, BMW 3 Touring (E46) 328i 2.8, BMW 3 Touring (E46) 320d 2.0, BMW 3 Saloon (E46) 330d 2.9, (+ 53)

The steps may slightly vary depending on the car design.

## REPLACEMENT: BRAKE HOSE – BMW E46 CONVERTIBLE. 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 E46 convertible. 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 E46 CONVERTIBLE. USE THE FOLLOWING PROCEDURE:

1

Open the bonnet. Unscrew the brake fluid reservoir cap.



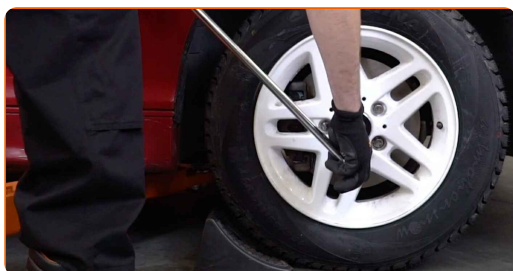
2

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.



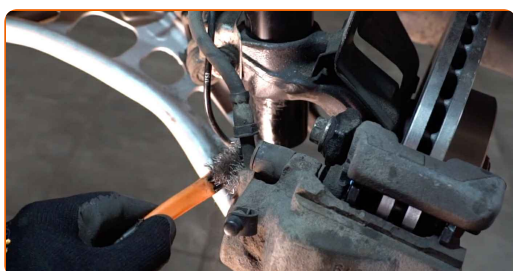
## AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW E46 convertible

- 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.

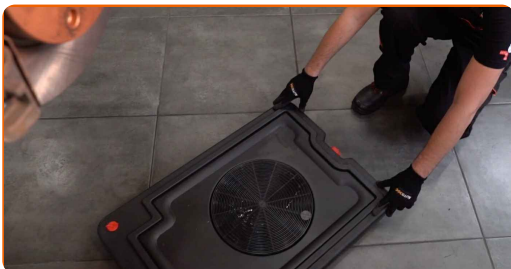


## Replacement: brake hose – BMW E46 convertible. Tip:

- After applying the spray, wait a few minutes.

8

Put a container for gathering brake fluid beneath.



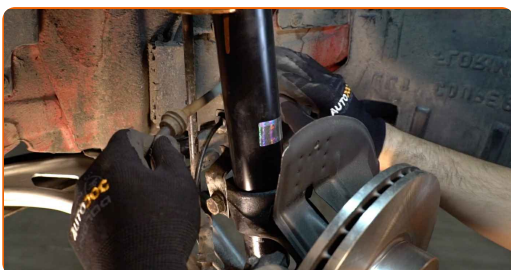
9

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



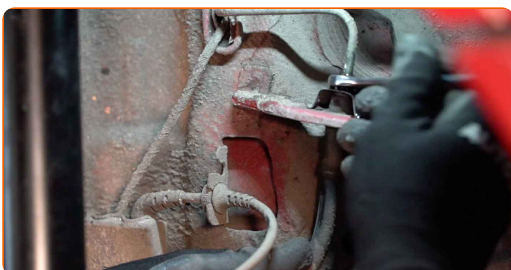
10

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.

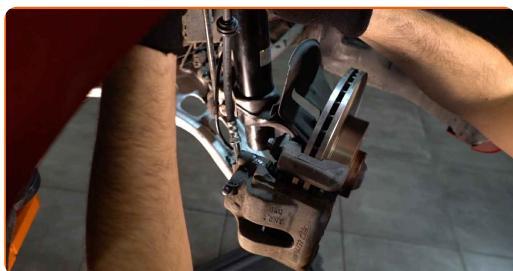




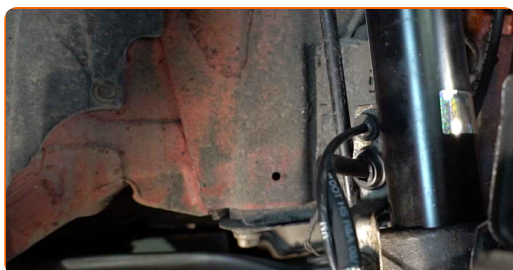
- 12 Unscrew the brake hose from the brake caliper.



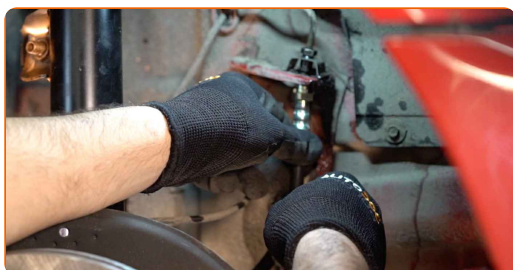
- 13 Screw the new brake hose onto the brake caliper.



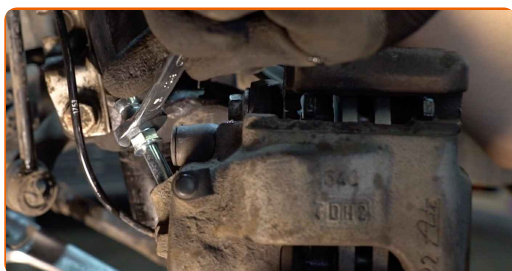
- 14 Fasten the brake hose on the strut.



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



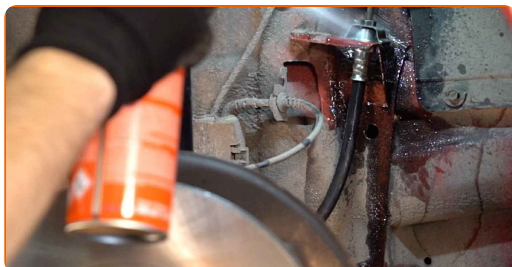
- 16** Tighten the fastener connecting the brake pipe to the brake caliper. Use a combination spanner #14. Use a torque wrench. Tighten it to 22 Nm torque.



- 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.

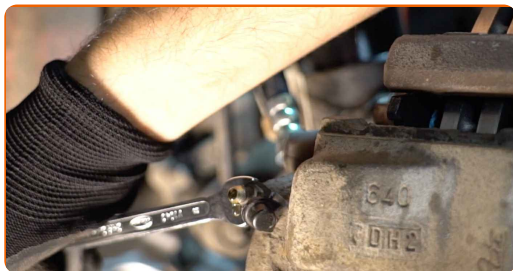


### AUTODOC recommends:

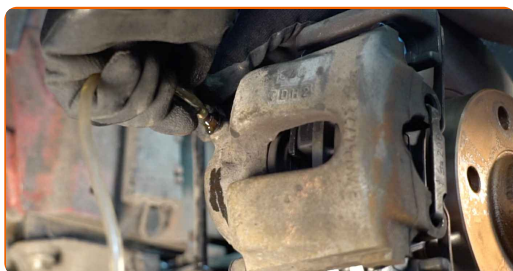
- Replacement: brake hose – BMW E46 convertible. After applying the spray, wait a few minutes.



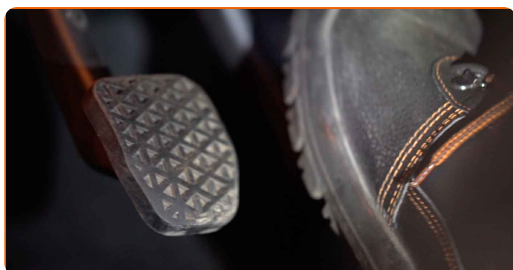
- 19 Undo the brake bleeder screw. Use a combination spanner #8.



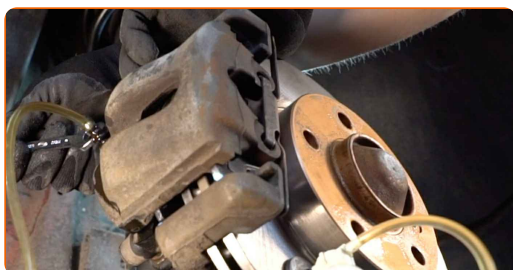
- 20 Connect the brake bleeder kit to the brake bleeder screw.



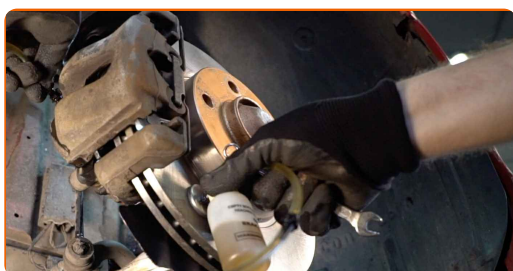
- 21 Press the brake pedal several times to remove any air from the system.



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

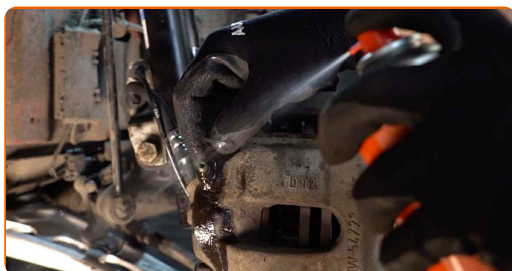


- 23 Disconnect the brake bleeder kit.



24

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

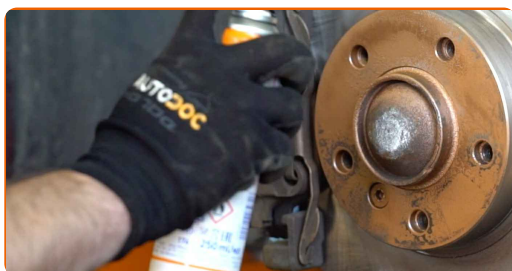


Replacement: brake hose – BMW E46 convertible. AUTODOC recommends:

- 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.

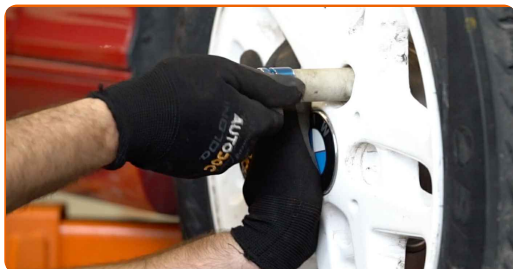


Replacement: brake hose – BMW E46 convertible. Tip from AUTODOC experts:

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

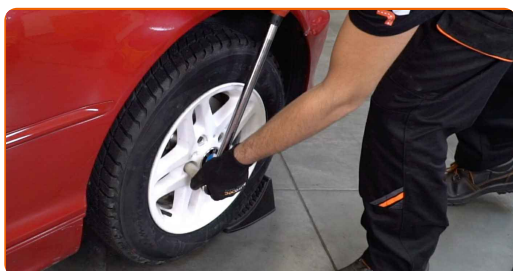
27

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.



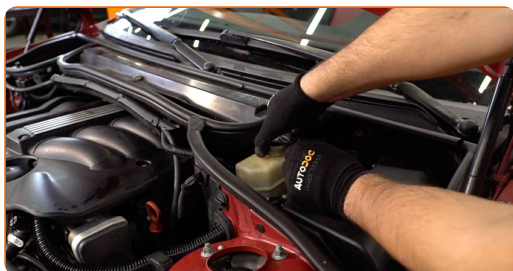
29

Remove the jacks and chocks.



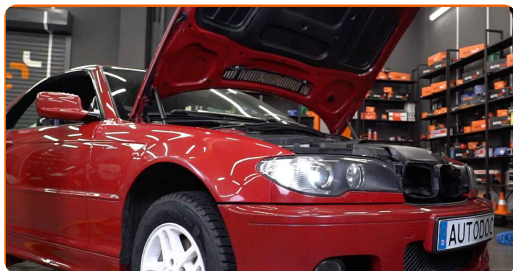
30

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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