



How to change rear
brake shoes on **VW**
DERBY (86) –
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:

VW DERBY (86) 0.9, VW DERBY (86) 1.1, VW DERBY (86) 1.3

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: VW GOLF II (19E, 1G1) 1.6

REPLACEMENT: BRAKE SHOES – VW DERBY (86). LIST OF THE TOOLS YOU'LL NEED:



- WD-40 spray
- All-purpose cleaning spray
- Copper grease
- Torque wrench
- Drive socket # 30
- Wheel impact socket #17
- Ratchet wrench
- Brake shoe retaining spring compressor
- Flat screwdriver
- Hammer
- Pliers
- Round-nose pliers
- Water pump pliers
- Crow bar
- Rubber mallet
- Wheel chock

Buy tools

Replacement: brake shoes – VW DERBY (86). AUTODOC recommends:

- Replace brake shoes as a set on an axle. This will ensure efficient braking.
- The replacement procedure is identical for brake shoes on the same axle.
- Please note: all work on the car – VW DERBY (86) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

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 rear of the car and secure on supports.

5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. VW DERBY (86)

6

Remove the wheel.



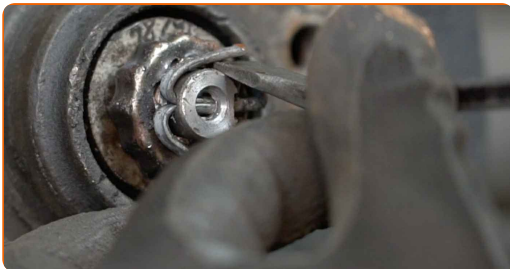
7

Remove the wheel hub nut cap. Use a crowbar. Use a hammer.



8

Remove the cotter pin securing the hub nut. Use a crowbar. Use a flat screwdriver.



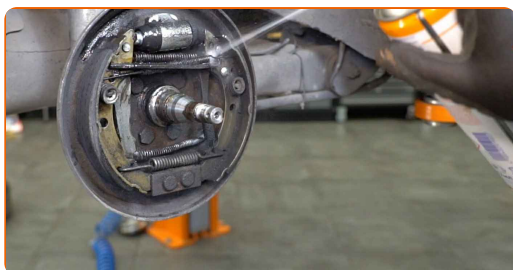
9 Unscrew the hub nut. Use a drive socket #30. Use a ratchet wrench.



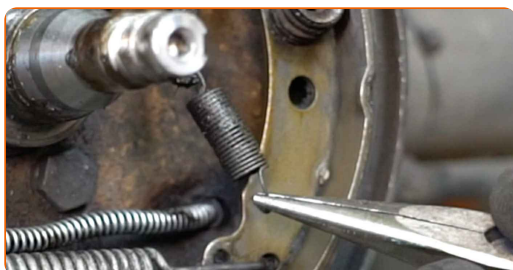
10 Remove the brake drum assembled with the wheel hub bearing.



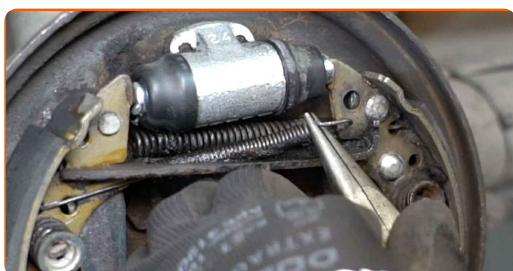
11 Clean the hub bearing mounting seat. Clean the hub. Use all-purpose cleaning spray.



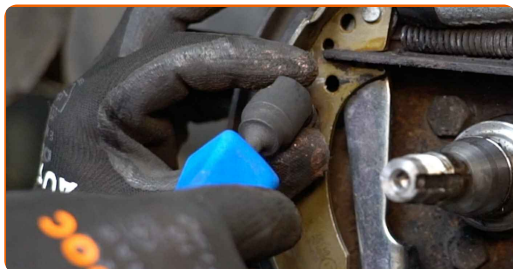
12 Remove the hold-down spring. Use round-nose pliers.



13 Remove the upper return spring of the brake shoes. Use round-nose pliers.



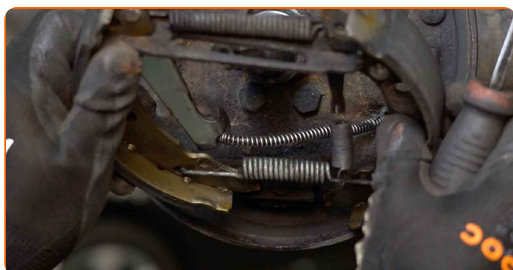
14 Remove the brake shoe hold-down cup. Use a brake shoe retaining spring compressor.



15 Compress the wheel cylinder. Use water pump pliers.



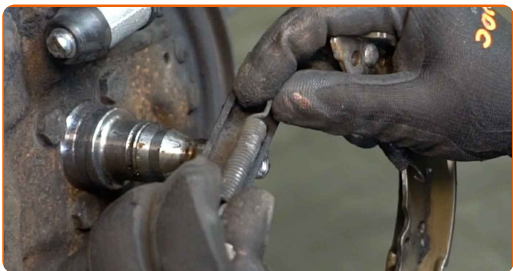
16 Remove both shoes from the mounting bracket. Use a crowbar.



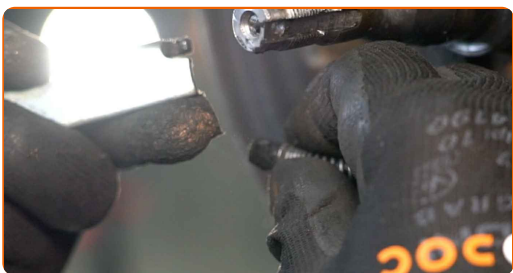
Replacement: brake shoes – VW DERBY (86). Tip from AUTODOC experts:

- Don't press the brake pedal after removing the rear brake drum shoes. This will cause the piston to fall out of the brake cylinder, leakage of brake fluid and depressurization of the system.

17 Remove the lower return spring of the brake shoes.

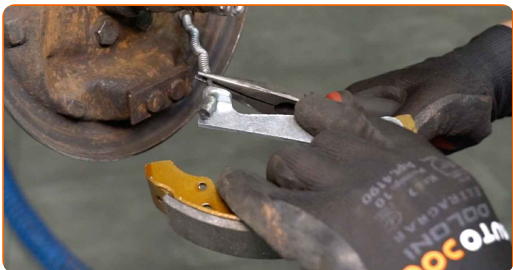


18 Disconnect the parking brake cable. Use a crowbar.

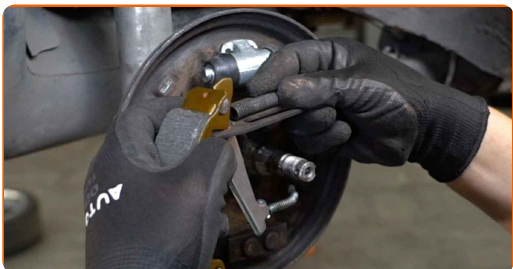


19 Remove the brake shoe adjuster lever.

20 Connect the parking brake cable to the parking brake lever. Use round-nose pliers.



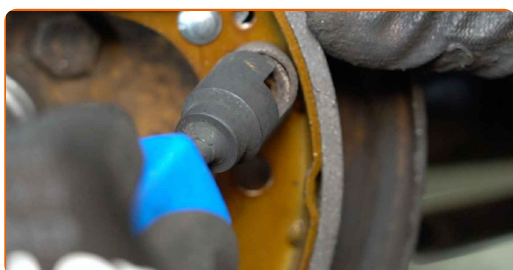
21 Install the brake shoe adjuster lever.



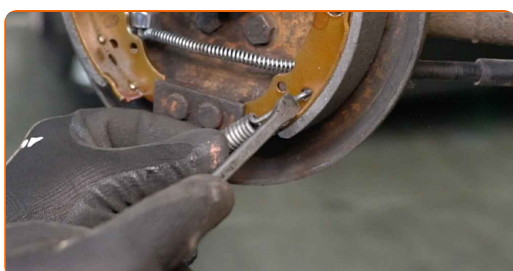
22 Install the brake shoes on the working brake cylinder on the bracket and on the brake-support plate bracket.



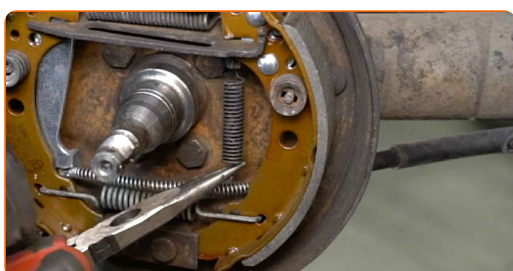
23 Reinstall the brake shoe hold-down cup. Use a brake shoe retaining spring compressor.



24 Install the lower return spring. Use a crowbar. Use a flat screwdriver.



25 Install the hold-down spring. Use round-nose pliers.



26 Install the upper return spring. Use a flat screwdriver.



27 Clean the hub bearing mounting seat. Use WD-40 spray.



28 Install the brake drum assembled with the wheel hub bearing.



29 Screw on the hub nut. Use a drive socket #30. Use a ratchet wrench.



Replacement: brake shoes – VW DERBY (86). AUTODOC recommends:

- Align the brake drum.

30 Install a new hub nut cotter pin. Use pliers. Use a hammer.



31 Install the cap of the hub nut. Use a rubber mallet.



32 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



33 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW DERBY (86)

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



35 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.

36 Remove the jacks and chocks.



37 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake shoes – VW DERBY (86). Professionals recommend:

- Slow down gently for the first 150–200 km after replacing the brake shoes. Avoid excessive and abrupt braking during that time.

WELL DONE! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
 **Google Play**

Download on the
 **App Store**

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BRAKE SHOES: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2022 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC GmbH.