How to change front brake discs on VW Passat 3C B6 Variant – replacement guide

Video tutorial

Important!

This replacement procedure can be used for:
VW Passat Saloon (362) 1.4 TSI, VW Passat Saloon (362) 1.8 TSI, VW Passat Saloon (362) 2.0 TSI, VW Passat Saloon (362) 1.6 TDI, VW Passat Saloon (362) 2.0 TDI, VW Passat Saloon (362) 2.0 TDI 4motion, VW Passat Saloon (362) 1.4 TSI EcoFuel, VW Passat Variant (365) 1.4 TSI, VW Passat Variant (365) 1.8 TSI, VW Passat Variant (365) 1.6 TDI, VW Passat Variant (365) 2.0 TSI, VW Passat Variant (365) 2.0 TDI, VW Passat Variant (365) 2.0 TDI 4motion, VW Passat Variant (365) 1.4 TSI EcoFuel, VW TOURAN (1T3) 1.2 TSI, (+ 427)

The steps may slightly vary depending on the car design.

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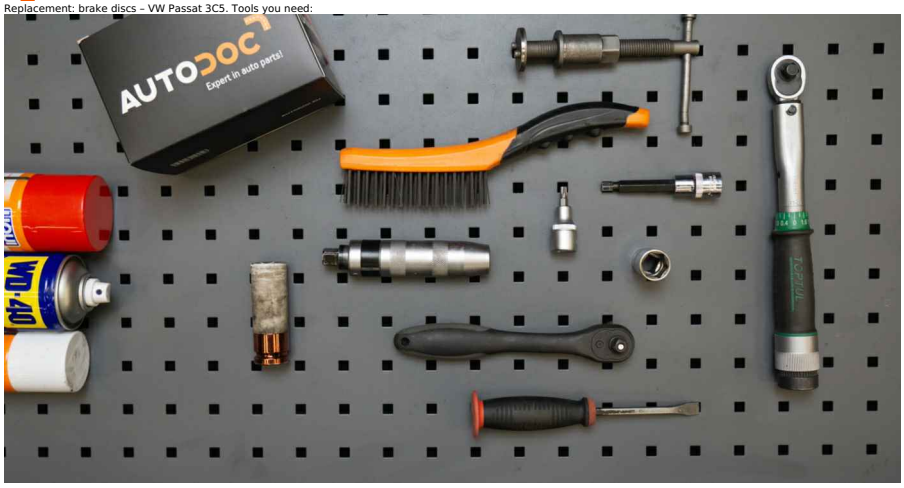
Replacement: brake discs – VW Passat 3C5. Tools you need:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 21
- HEX bit no.H7.
- Torx bit T30
- Wheel impact socket #17

- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Impact screwdriver
- Crow bar
- Wheel chock

Buy tools
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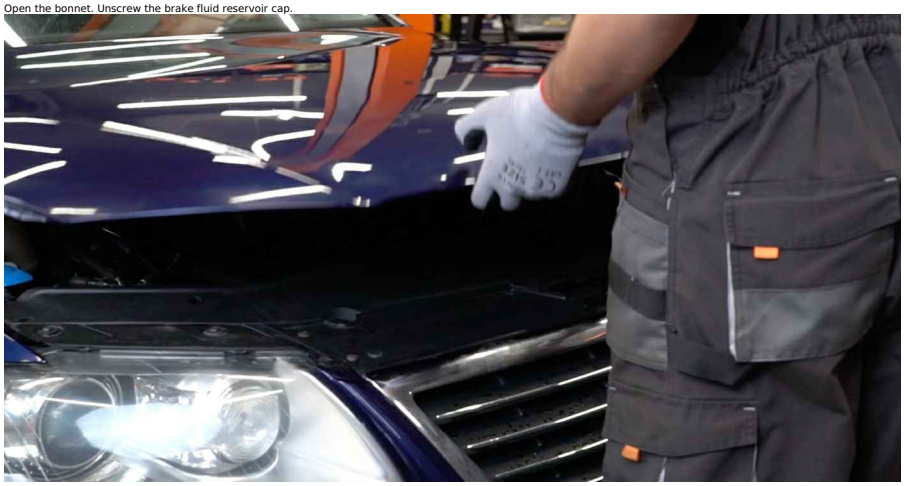
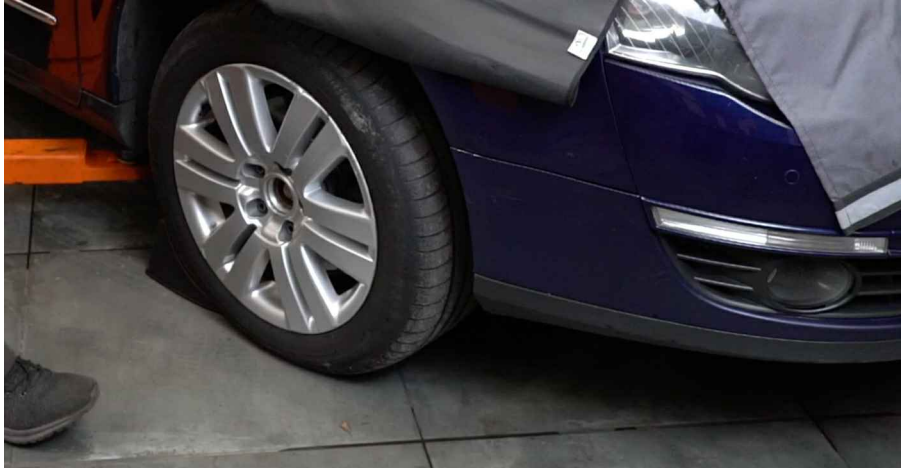
Replacement: brake discs – Passat Variant B6. Tip:

- Replace the brake disks on the car VW Passat 3C B6 Variant in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

Replacement: brake discs – VW Passat B6 3C Variant. Recommended sequence of steps:
1
Open the bonnet. Unscrew the brake fluid reservoir cap.



2
Secure the wheels with chocks.



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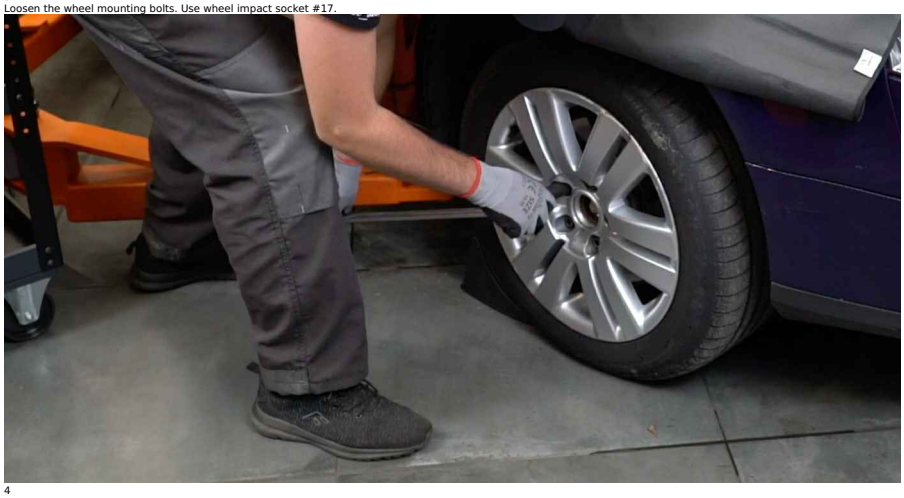
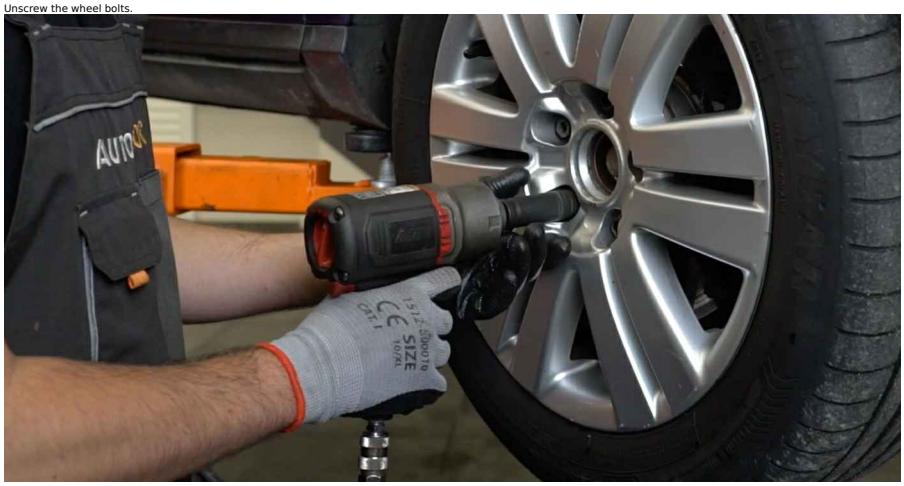
3
Loosen the wheel mounting bolts. Use wheel impact socket #17.



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

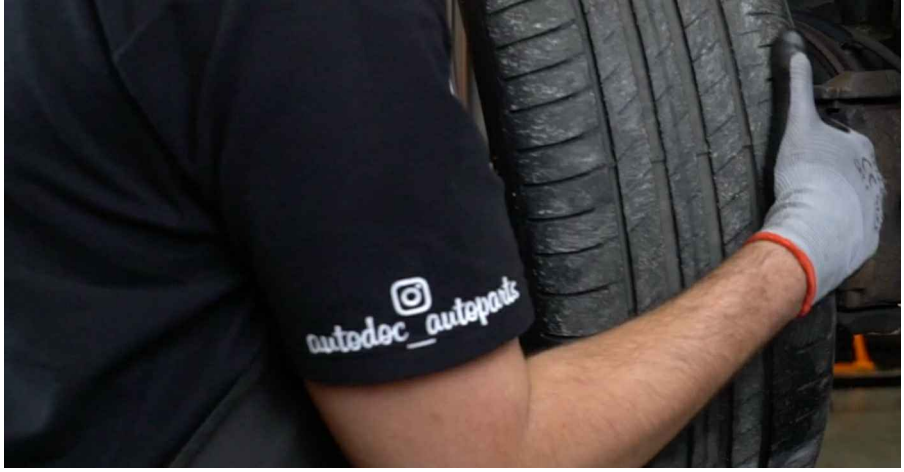
5
Unscrew the wheel bolts.



Replacement: brake discs – Passat Variant B6. AUTODOC recommends:

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

6
Remove the wheel.



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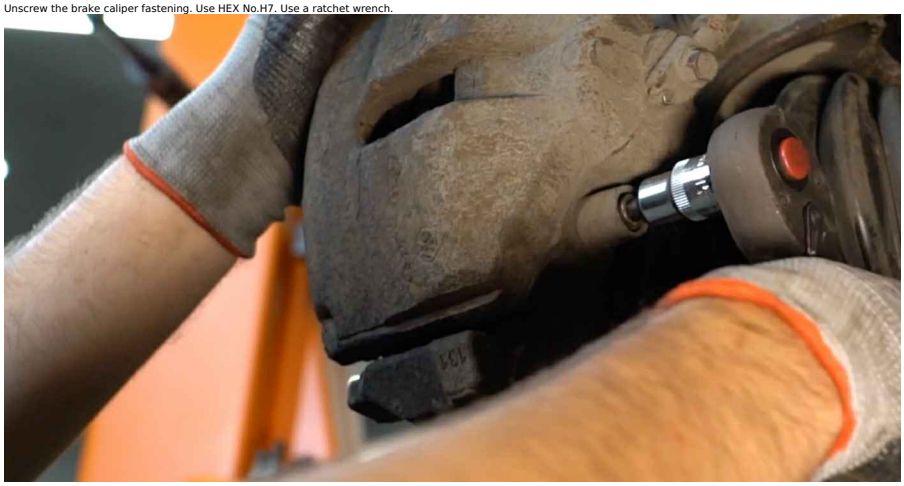
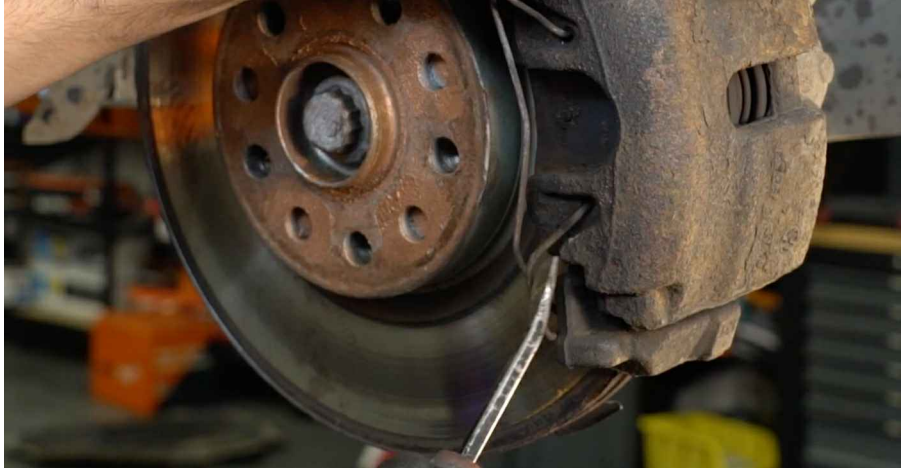
7
Spread the brake pads. Use a crowbar.

8
Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.

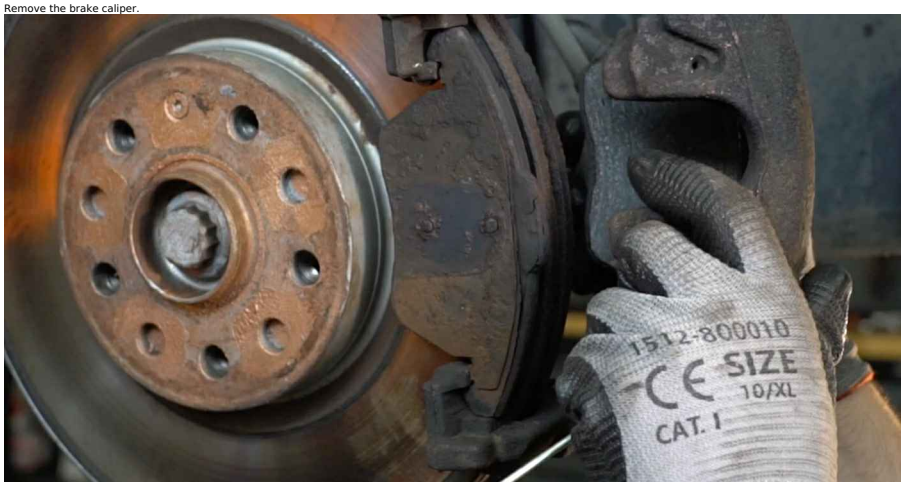
9
Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



10
Detach the brake caliper retaining spring. Use a crowbar.



11
Remove the brake caliper.



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Replacement: brake discs – VW Passat 3C5. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12
Remove the brake pads.

13
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

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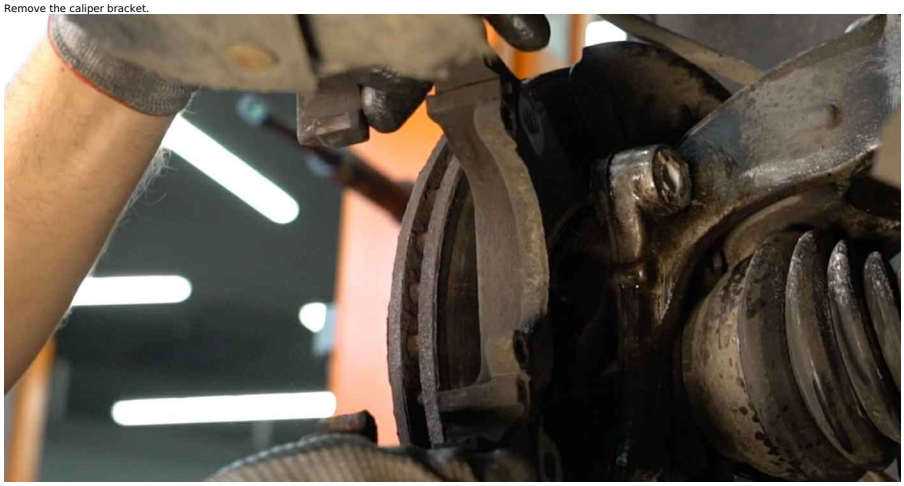
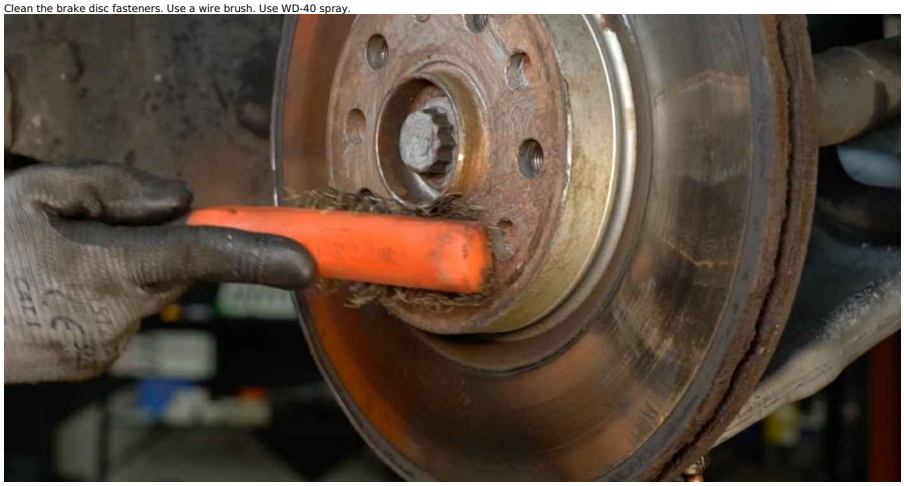
14
Unscrew the caliper bracket fastening. Use a drive socket #21. Use a tap wrench. Use a ratchet wrench.

15
Remove the caliper bracket.



16
Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



17
Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

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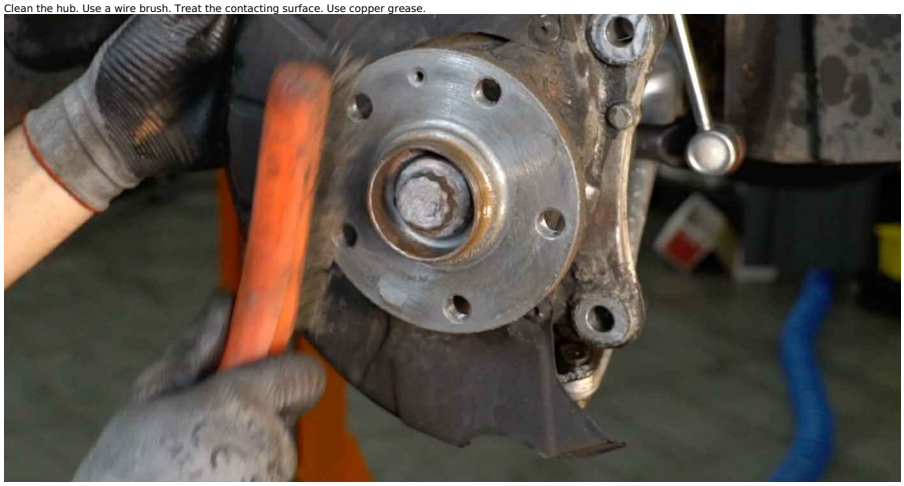
18
Remove the brake disc.

19
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



20
Install the brake disc.

21
Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 4 Nm torque.

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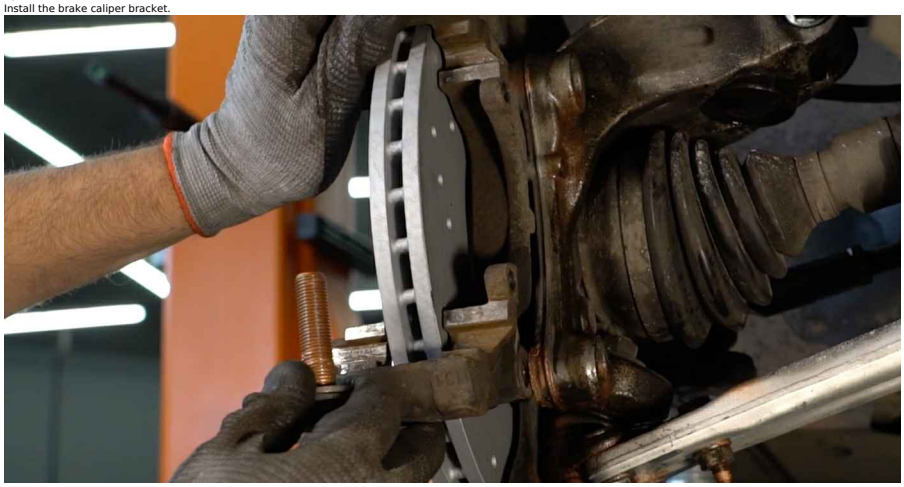
22
Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

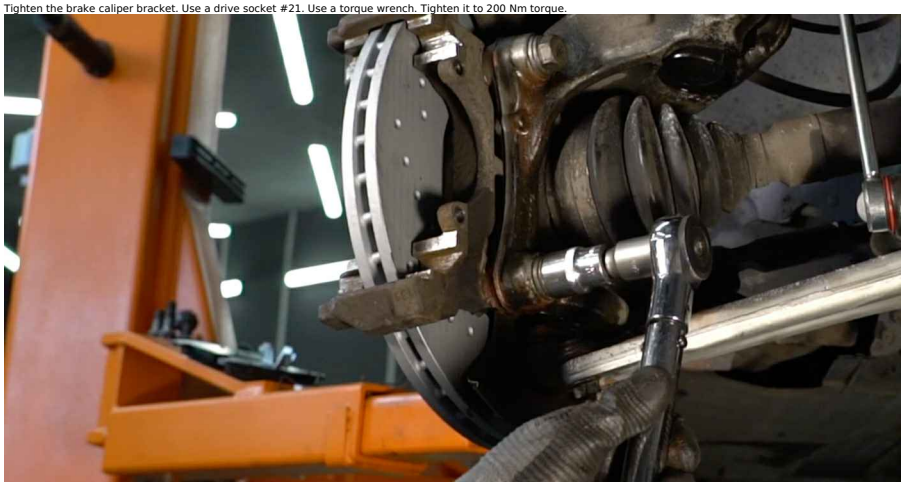
AUTODOC recommends:

- Replacement: brake discs – Passat B6 3C Variant. After applying the spray, wait a few minutes.

23
Install the brake caliper bracket.



24
Tighten the brake caliper bracket. Use a drive socket #21. Use a torque wrench. Tighten it to 200 Nm torque.



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25
Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – VW Passat Variant B6. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

26
Press in the brake caliper piston. Use brake caliper wind back tool.

27
Install the brake pads.

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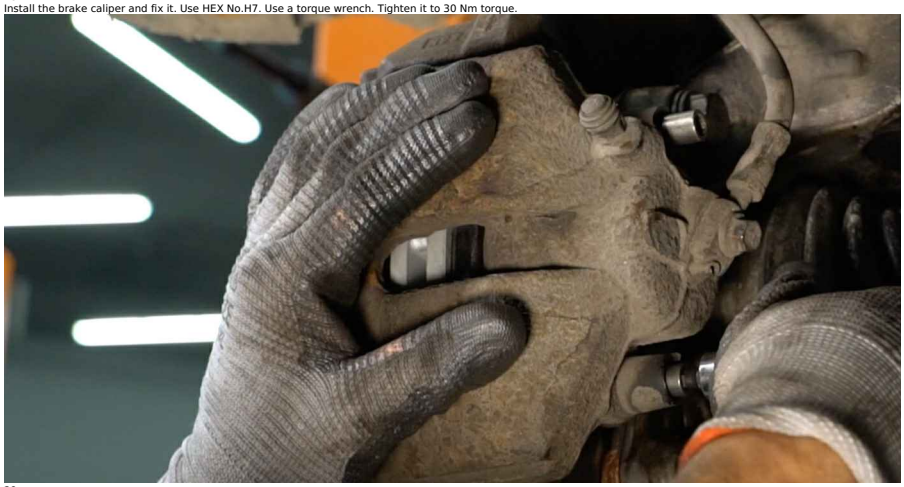
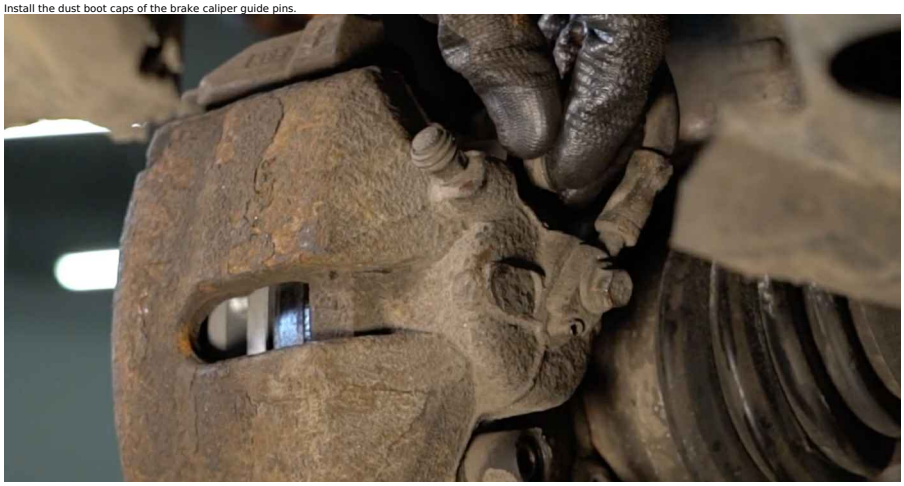
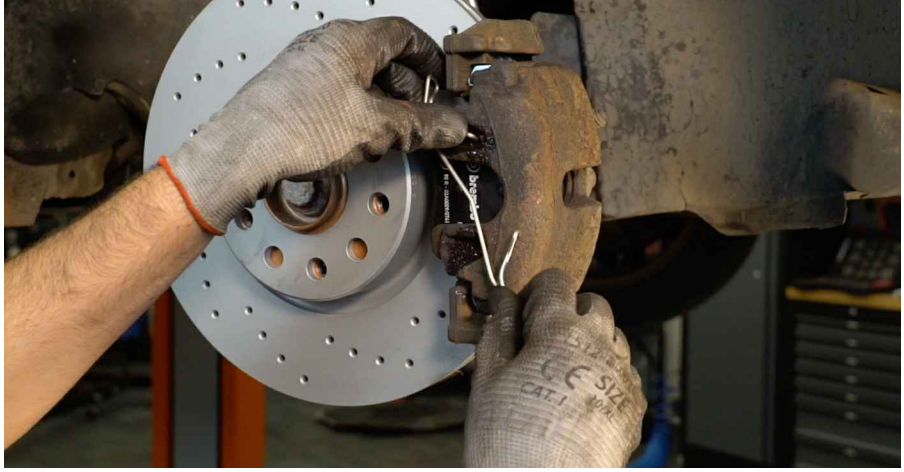
28
Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



29
Install the dust boot caps of the brake caliper guide pins.

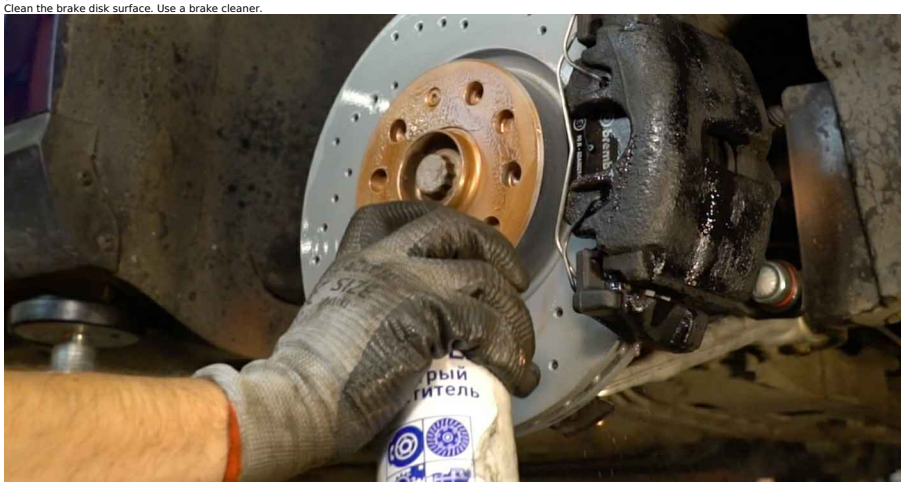


30
Install the brake caliper retaining spring. Use a crowbar.



31
Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

32
Clean the brake disk surface. Use a brake cleaner.



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Replacement: brake discs – VW Passat 3C B6 Variant. Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

33
Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Passat 3C5

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 120 Nm torque.

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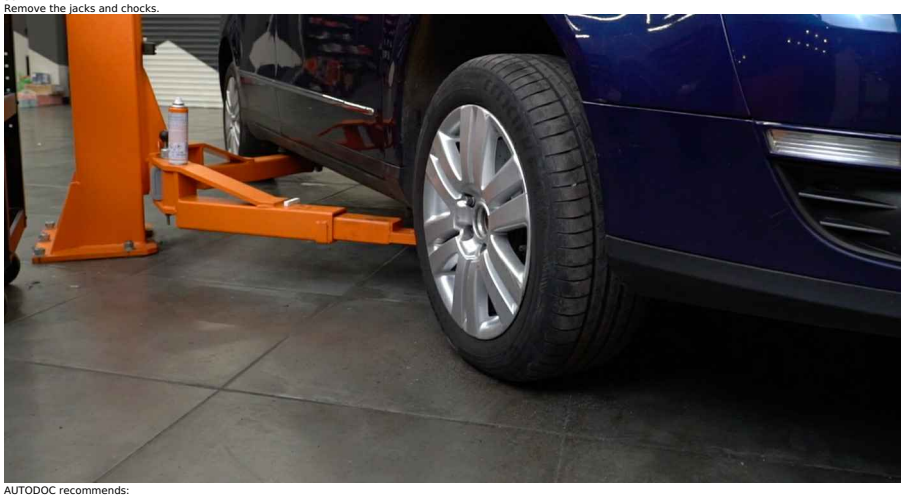
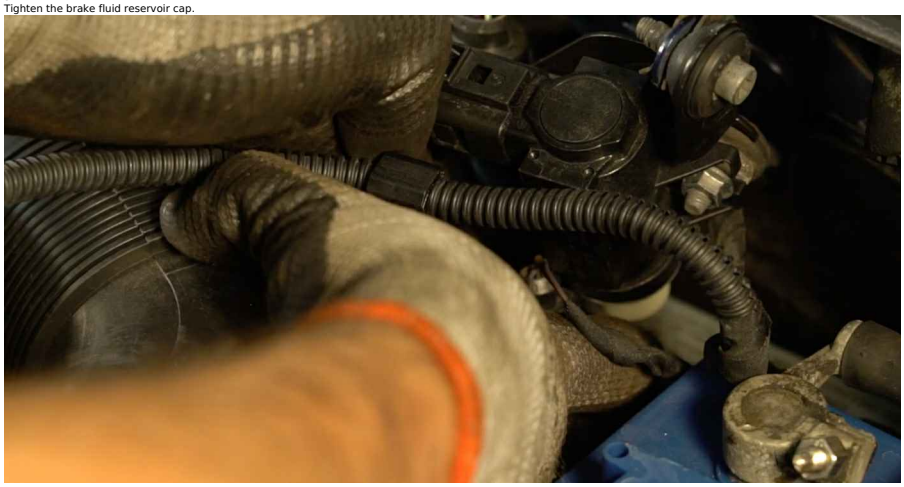
36
Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake discs – VW Passat B6 3C Variant. Check the brake fluid level in the reservoir and top up if necessary.

37
Tighten the brake fluid reservoir cap.



Replacement: brake discs – Passat Variant B6. Tip from AUTODOC:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

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38
Close the hood.

Well done!
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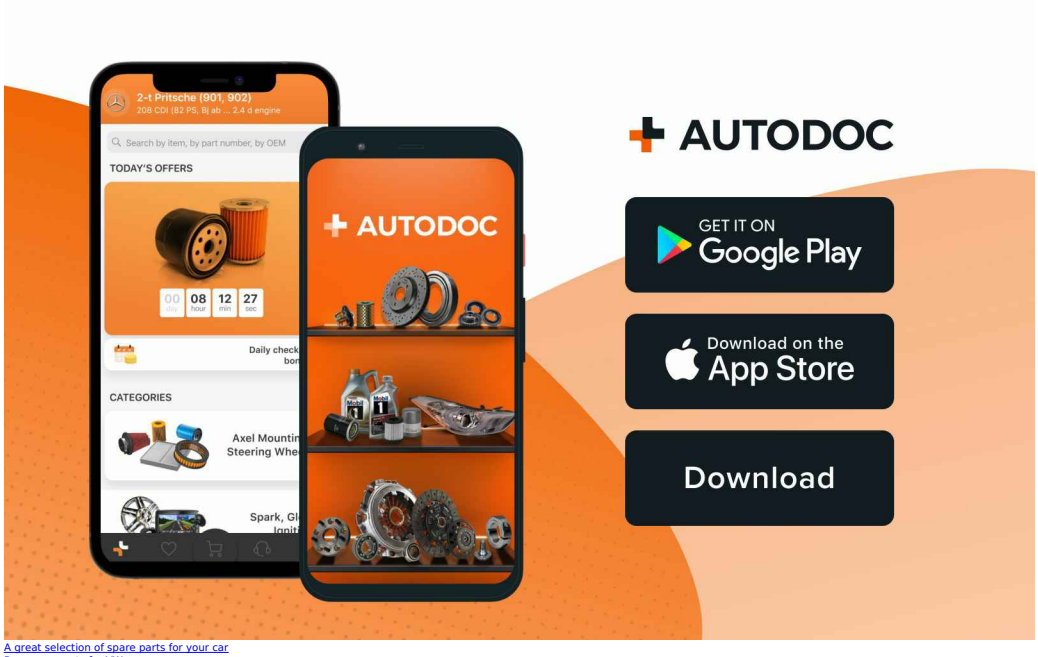

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Brake discs: a wide selection
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