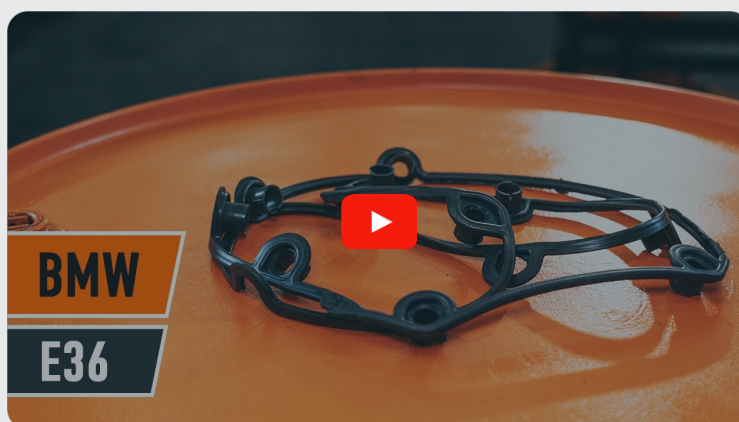


## SIMILAR VIDEO TUTORIAL



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

### **Important!**

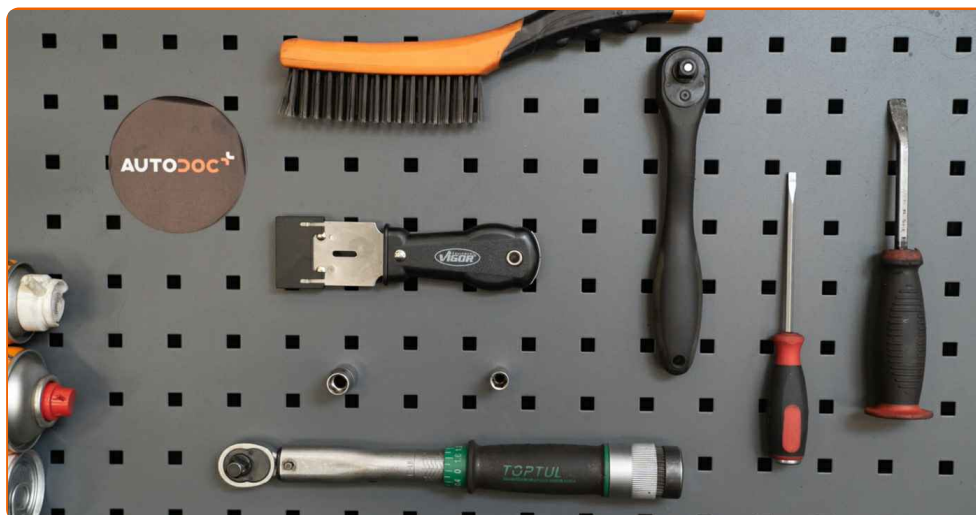
This replacement procedure can be used for:

BMW 5 Saloon (E39) 523i 2.5

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 Saloon (E36) 323i 2.5

## REPLACEMENT: ROCKER COVER GASKET – BMW 5 SALOON (E39). TOOLS YOU MIGHT NEED:



- All-purpose cleaning spray
- Electronic spray
- Sealant
- Torque wrench
- Drive socket # 8
- Drive socket # 10
- Ratchet wrench
- Seal scraper
- Flat screwdriver
- Crow bar
- Fender cover

**Buy tools**

Replacement: rocker cover gasket – BMW 5 Saloon (E39). AUTODOC experts recommend:

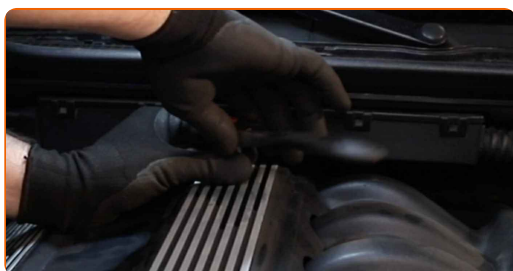
- Replace the gasket every time the valve cover is removed.
- All work should be done with the engine stopped.

## REPLACEMENT: ROCKER COVER GASKET – BMW 5 SALOON (E39). USE THE FOLLOWING PROCEDURE:

1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Unscrew the engine cover fastener. Use a drive socket #10. Use a ratchet wrench.



4 Remove the engine cover.

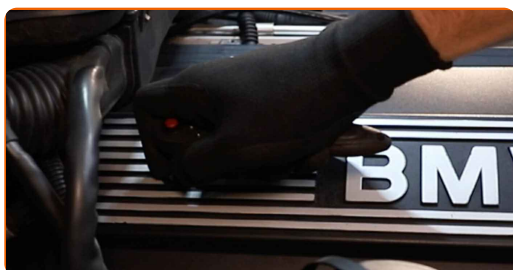


## AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 5 Saloon (E39). Do not use excessive force when removing the part as this may damage it.

5

Unscrew the engine cover fastener. Use a drive socket #10. Use a ratchet wrench. Use a flat screwdriver.



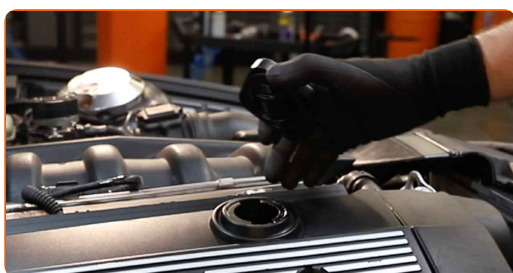
6

Unscrew the oil filler plug.



7

Remove the oil filler cap.



8

Remove the engine cover.



### AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 5 Saloon (E39). To avoid damaging the part when removing it, do not use excessive force.

9

Install the oil filler cap.



10

Tighten the oil filler cap.



11

Unplug the connectors from the ignition coils. Use a crowbar.



12

Unscrew the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



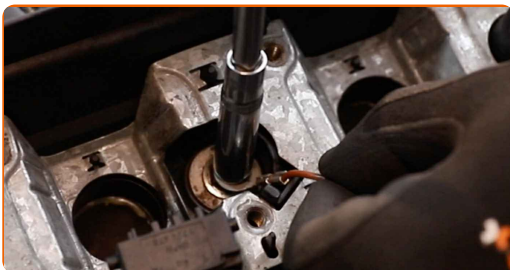
- 13** Take out the ignition coils from the spark plug wells.



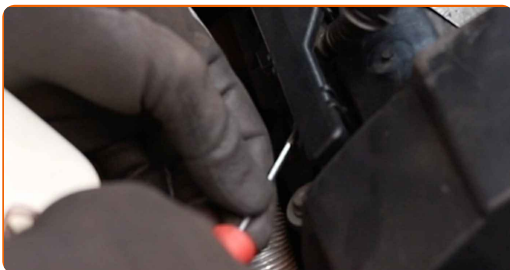
Replacement: rocker cover gasket – BMW 5 Saloon (E39). Tip from AUTODOC:

- Remember the sequence of steps for ignition coil demounting.

- 14** Unscrew the fastener of the chassis (ground) terminal of the ignition coils. Use a drive socket #8. Use a ratchet wrench.



- 15** Raise a little the wiring of the ignition coils and move it aside. Use a flat screwdriver.

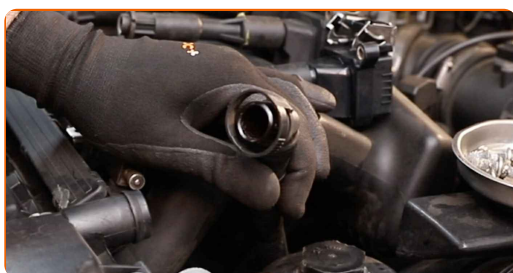




- 16 Clean dirt, dust and debris from inside the spark plug wells.



- 17 Remove the crankcase ventilation hose.



- 18 Unscrew the fastener of the chassis (ground) terminal of the ignition coils. Use a drive socket #8. Use a ratchet wrench.



- 19 Unscrew the engine valve cover fasteners. Use a drive socket #10. Use a ratchet wrench.



- 20 Remove the engine valve cover.

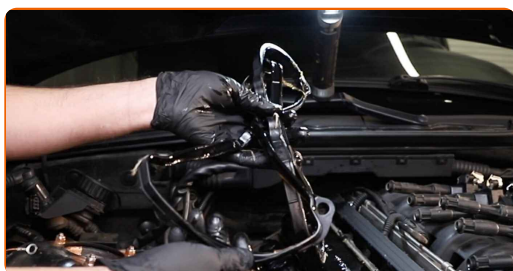


### AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 5 Saloon (E39). Do not use excessive force when removing the part as this may damage it.
- Be careful to prevent dust and dirt getting into the engine.

21

Remove the valve cover gasket. Use a seal scraper.



22

Clean the engine valve cover mounting seat. Use a seal scraper. Use all-purpose cleaning spray.



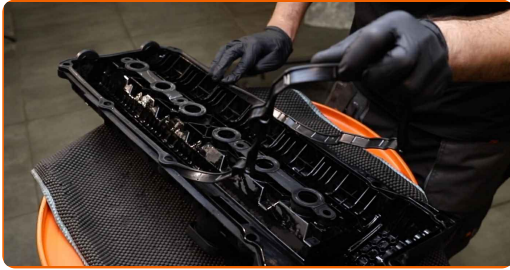
### Replacement: rocker cover gasket – BMW 5 Saloon (E39). Tip:

- Be careful to prevent dust and dirt getting into the engine.



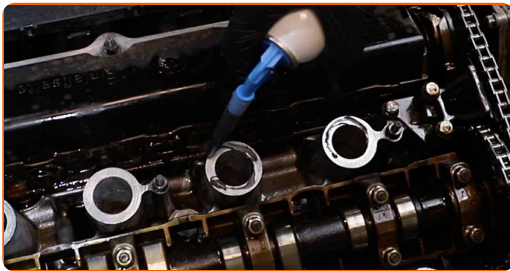
23

Install the engine valve cover gasket.



24

Treat the engine valve cover mounting seat. Use a sealant.



25

Install the engine valve cover.



#### AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 5 Saloon (E39). To avoid damaging the part during installation, do not use excessive force.

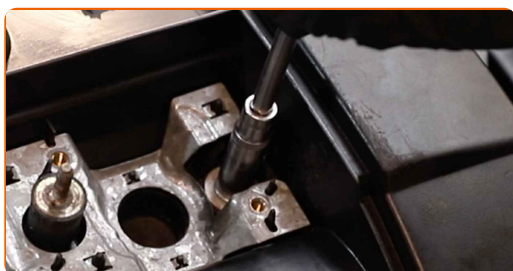
26

Clean the valve cover fasteners. Use all-purpose cleaning spray.



27

Tighten the engine valve cover fasteners. Use a drive socket #10. Use a torque wrench. Tighten it to 15 Nm torque.



Replacement: rocker cover gasket – BMW 5 Saloon (E39). AUTODOC experts recommend:

- Tighten the fasteners in the order shown in the diagram in the manufacturer's instructions.

28

Tighten the chassis (ground) terminal of the ignition coils. Use a drive socket #8. Use a ratchet wrench.

