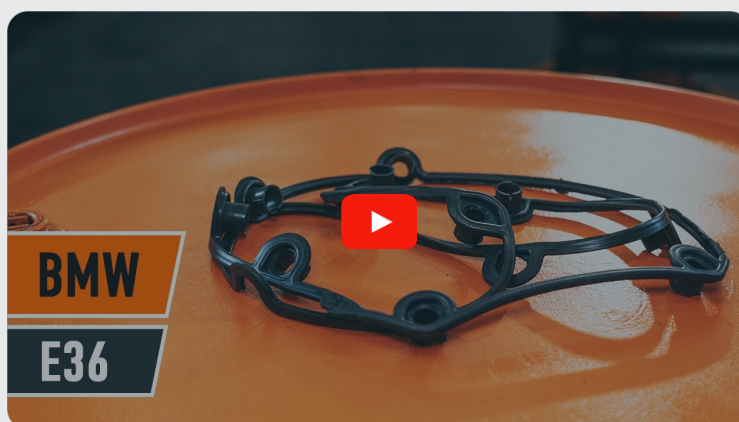


SIMILAR VIDEO TUTORIAL



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

Important!

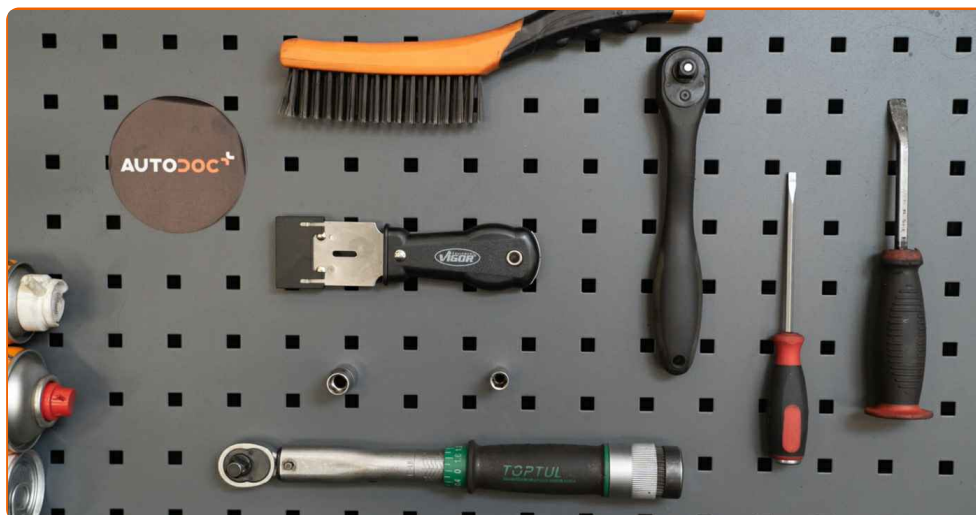
This replacement procedure can be used for:

BMW 7 (E38) 728i / iL 2.8

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 7 (E38). 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 7 (E38). AUTODOC experts recommend:

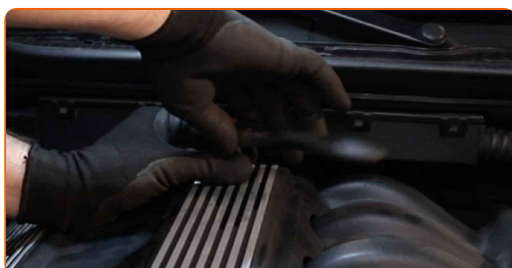
- Replace the gasket every time the valve cover is removed.
- All work should be done with the engine stopped.

REPLACEMENT: ROCKER COVER GASKET – BMW 7 (E38). 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.

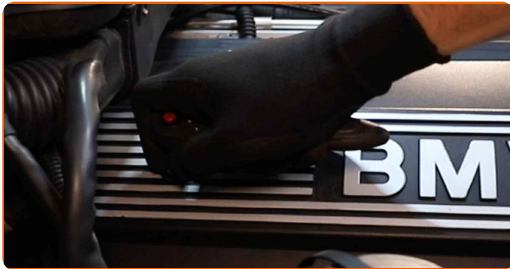


AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 7 (E38). 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 7 (E38). 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.



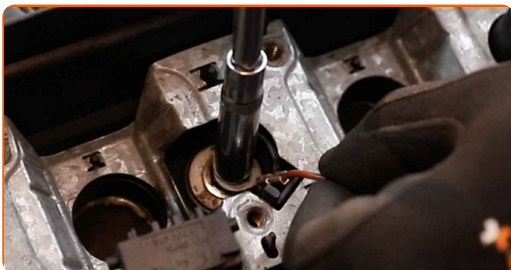
- 13** Take out the ignition coils from the spark plug wells.



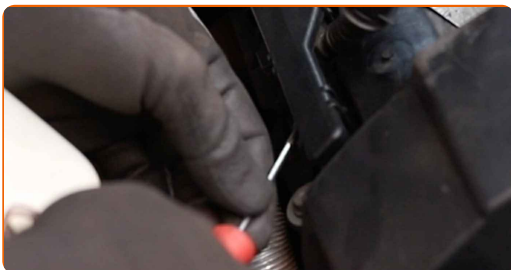
Replacement: rocker cover gasket – BMW 7 (E38). Tip from AUTODOC:

- 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.

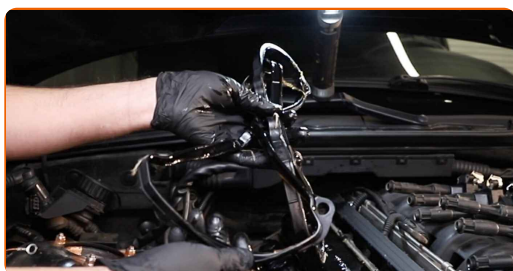


AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 7 (E38). 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

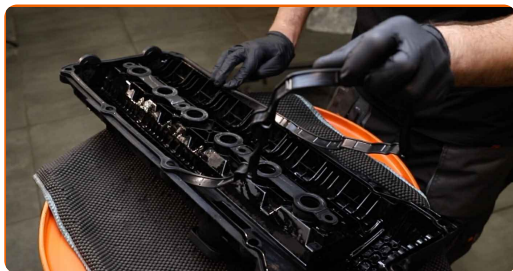
Clean the engine valve cover mounting seat. Use a seal scraper. Use all-purpose cleaning spray.



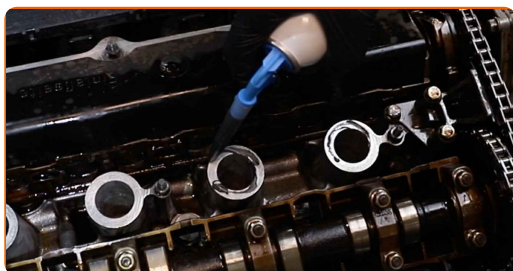
Replacement: rocker cover gasket – BMW 7 (E38). Tip:

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

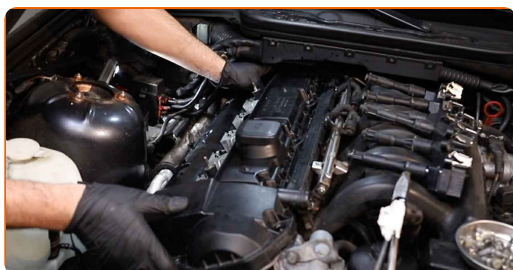
- 23 Install the engine valve cover gasket.



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



- 25 Install the engine valve cover.



AUTODOC recommends:

- Replacement: rocker cover gasket – BMW 7 (E38). To avoid damaging the part during installation, do not use excessive force.

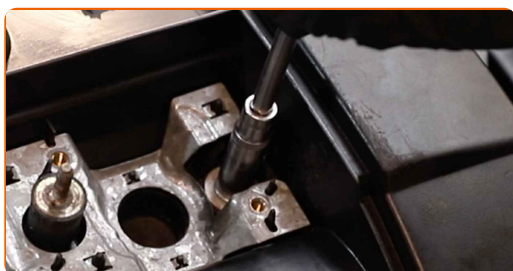
26

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 7 (E38). 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.

