



How to change engine oil
and filter on **Renault**
Master 2 van –
replacement guide

VIDEO TUTORIAL



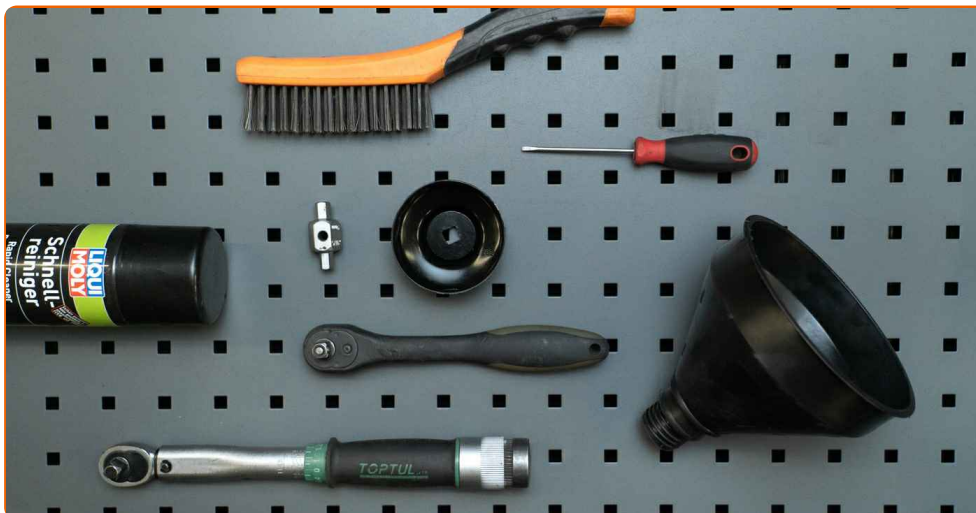
i Important!

This replacement procedure can be used for:

RENAULT Vel Satis Hatchback 2.2 dCi (BJ0M), RENAULT ESPACE III (JE0_) 2.2 dCi (JE0K), RENAULT MASTER II Bus (JD) 2.2 dCi 90, RENAULT MASTER II Box (FD) 2.2 dCi 90, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.2 dCi 90, RENAULT LAGUNA II (BG0/1_) 2.2 dCi, RENAULT LAGUNA II Grandtour (KG0/1_) 2.2 dCi, RENAULT Vel Satis Hatchback 2.2 dCi, RENAULT MASTER II Bus (JD) 2.5 dCi 120, RENAULT MASTER II Box (FD) 2.5 dCi 120, RENAULT MASTER II Platform/Chassis (ED/HD/UD) 2.5 dCi 120, RENAULT ESPACE IV (JK0/1_) 2.2 dCi, RENAULT TRAFIC II Box (FL) 2.5 dCi 135 (FL0D), RENAULT Avantime Van 2.2 dCi, RENAULT TRAFIC II Bus (JL) 2.5 dCi 135 (JL0D), (+ 5)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – RENAULT MASTER 2 VAN. TOOLS YOU'LL NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- 8 mm square head drain plug socket
- 96-18F cup type oil filter wrench
- Ratchet screwdriver or power tool for removal/installation of threaded fasteners
- Slotted screwdriver
- Funnel
- Oil drain pan
- Fender cover

BUY TOOLS

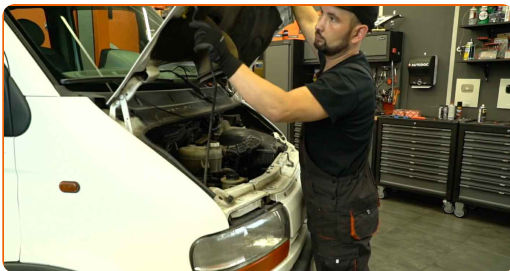
Replacement: engine oil and filter – Renault Master 2 van. AUTODOC recommends:

- Replace the oil filter every time you change the engine oil.
- Before getting down to work, warm up the engine to reduce the viscosity of the oil.
- Wear gloves to prevent contact with hot liquid.
- Warning! Shut down the engine before starting any work – Renault Master 2 van.

CARRY OUT THE REPLACEMENT STEPS AS FOLLOWS:

1

Open the bonnet.

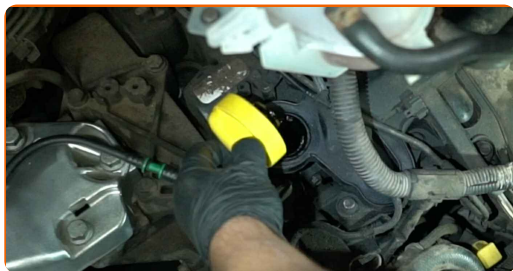


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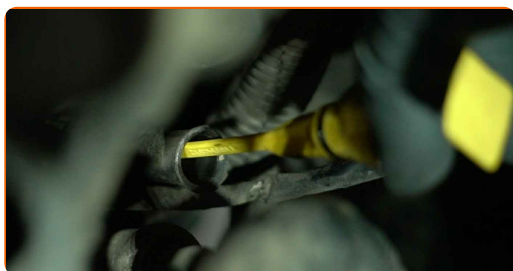
Use a fender protection cover to avoid damaging the paintwork and plastic parts of the car.



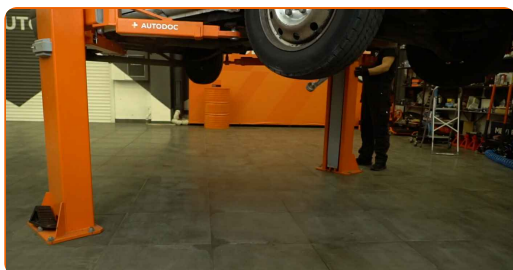
3 Unscrew the oil filler cap.



4 Pull up the oil dipstick.



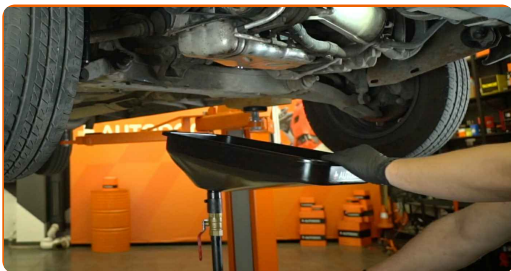
5 Lift the vehicle using a vehicle lift or place it over an inspection pit.



Replacement: engine oil and filter – Renault Master 2 van. Tip:

- The vehicle must be level, but if it is at an angle, the drain plug must be at the lowest point.

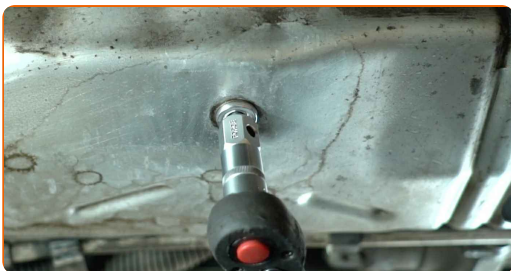
- 6 Put an oil drain pan with a capacity of at least 8 litres under the drain hole.



- 7 Clean the area of the oil pan drain hole. Use a wire brush. Use an all-purpose cleaning spray.



- 8 Unscrew the drain plug. Use an 8 mm square head drain plug socket. Use a ratchet wrench.



- 9 Drain the used oil.



Caution!

- The oil may be hot.
- Wait until the oil has completely flowed out of the drain hole.

10

Clean the oil filter cap. Use an all-purpose cleaning spray.



11

Unscrew the filter cap together with the old filter element. Use a 96-18F oil filter cup wrench. Use a ratchet wrench.

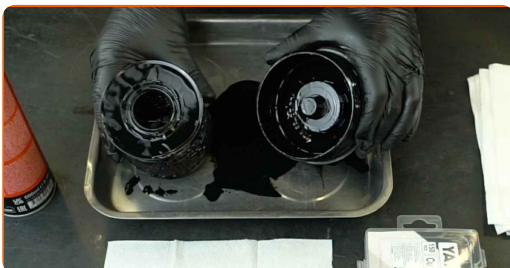


Caution!

- The oil may be hot.

12

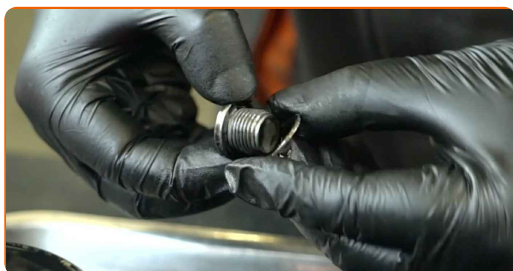
Remove the filter element from the filter cap. Remove the old O-ring of the oil filter cap. Use a slotted screwdriver.



- 13 Clean the oil filter cap. Use an all-purpose cleaning spray.



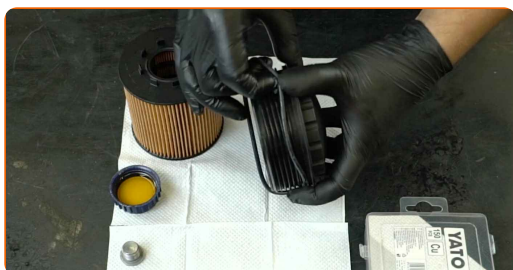
- 14 Remove the O-ring from the drain plug. Use a slotted screwdriver.



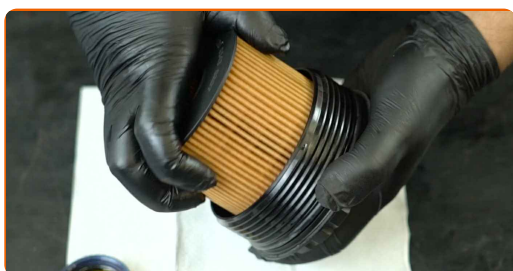
- 15 Clean the drain plug. Use an all-purpose cleaning spray.



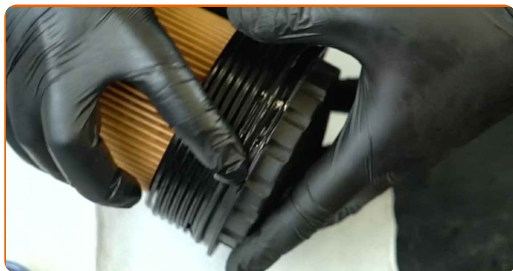
- 16 Install a new O-ring on the oil filter cap.



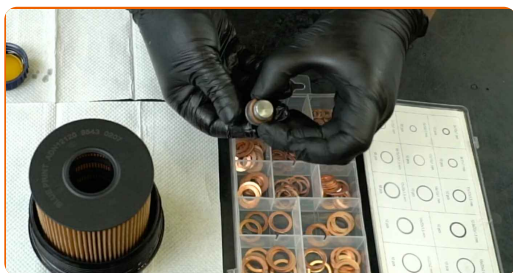
- 17 Install a new filter element into the oil filter cap.



- 18 Lubricate the new O-ring of the oil filter cap with a small amount of fresh oil.



- 19 Install a new O-ring on the drain plug.



- 20 Clean the oil filter mounting seat. Use an all-purpose cleaning spray.



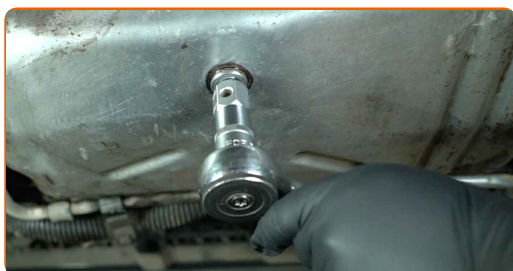
- 21 Install the oil filter cap and screw it in. Use a 96-18F oil filter cup wrench. Use a torque wrench. Tightening torque: 25 N·m.



- 22 Clean the area of the oil pan drain hole. Use an all-purpose cleaning spray.

23

Screw in the drain plug and tighten it. Use an 8 mm square head drain plug socket. Use a torque wrench. Tightening torque: 25 N·m.

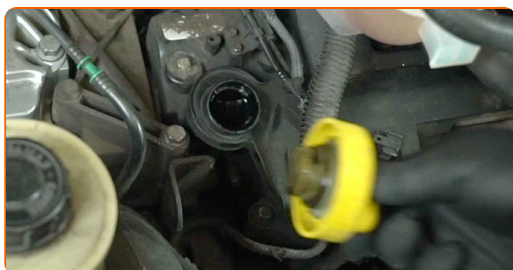


24

Lower the vehicle.

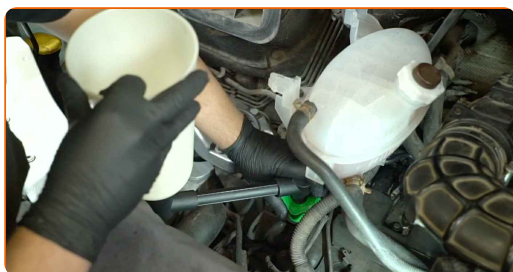
25

Remove the oil filler cap.



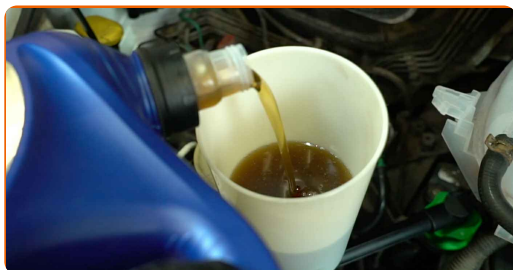
26

Insert the funnel.



27

Pour oil into the engine through the filler. Required amount of oil: 8 L.

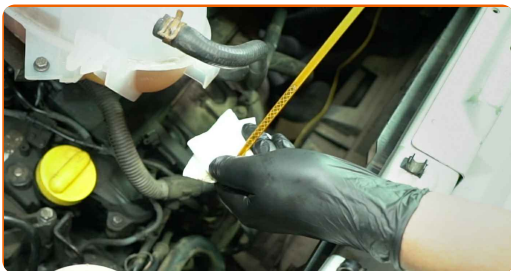


Important!

- Use the oil recommended by the manufacturer.

28

Check the oil level using the dipstick.

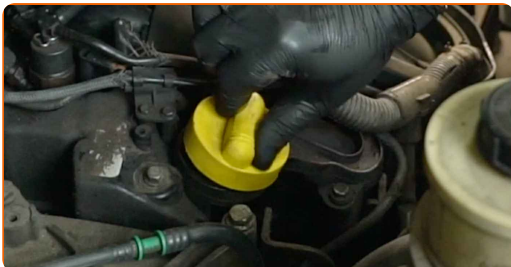


Replacement: engine oil and filter – Renault Master 2 van. AUTODOC experts recommend:

- The oil level should be between the Min and Max marks.
- Top up oil if necessary.

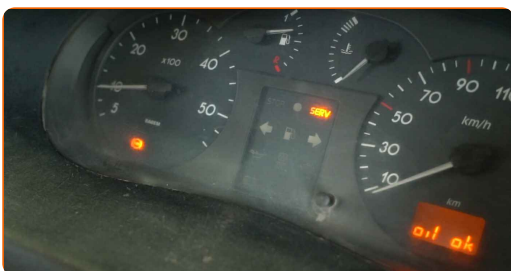
29

Remove the funnel and screw in the oil filler cap.



30

Run the engine for a few minutes.



Warning!

- The oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the passages, and the light will go out.

31

Check the oil level with a dipstick in 5 minutes after turning the engine off and add oil if necessary.



Replacement: engine oil and filter – Renault Master 2 van. Professionals recommend:

- The oil level should be between the Min and Max marks.

32

Make sure that the oil filler cap is properly tightened.

33

Check the threaded plug of the drain hole and the oil filter seal for tightness. If necessary, tighten them up carefully.

34

Remove the fender cover.



35

Close the bonnet.

**AUTODOC recommendation:**

- To protect the environment from pollution, be sure to dispose of the used filters and oil at special collection points.

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