



How to change engine oil
and filter on **Toyota**
RAV4 II – replacement
guide

VIDEO TUTORIAL



ⓘ Important!

This replacement procedure can be used for:

TOYOTA COROLLA (_E9_) 1.6, TOYOTA COROLLA Compact (_E9_) 1.6 GTi, TOYOTA Celica Hatchback (_T16_) 1.6 GT 16V (AT160_), TOYOTA Celica Hatchback (_T16_) 1.6 GT (AT160_), TOYOTA MR 2 I (AW1_) 1.6 16V, TOYOTA CELICA Coupe (AT18_, ST18_) 2.0 Turbo 4WD, TOYOTA CELICA (ST20_, AT20_) 2.0 i Turbo 4WD, TOYOTA LAND CRUISER 90 (_J9_) 3.4 i 24V, TOYOTA RAV 4 III (ACA3_, ACE_, ALA3_, GSA3_, ZSA3_) 2.4 4WD (ACR38), TOYOTA COROLLA Liftback (_E9_) 1.6 GTI (AE92_), TOYOTA CELICA (AT16_, ST16_) 1.6 GT 16V (AT160_), TOYOTA COROLLA (ZZE12_, NDE12_, ZDE12_) 1.8 VVTI-i TS (ZZE123_), TOYOTA Harrier II (XU30) 2.4 4WD (ACU35_), TOYOTA AVENSIS Estate (T25) 2.0 VVTi (AZT250_), TOYOTA CELICA (ZZT23_) 1.8 16V TS, (+ 47)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA RAV4 II. TOOLS YOU MIGHT NEED:



- Wire brush
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 14
- Oil filter cup socket 65-14F
- Ratchet wrench
- Funnel
- Oil drain pan
- Fender cover

BUY TOOLS

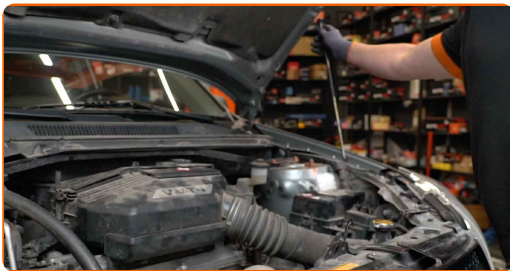
Replacement: engine oil and filter – Toyota RAV4 II. Tip from AUTODOC:

- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – Toyota RAV4 II – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1

Open the hood.



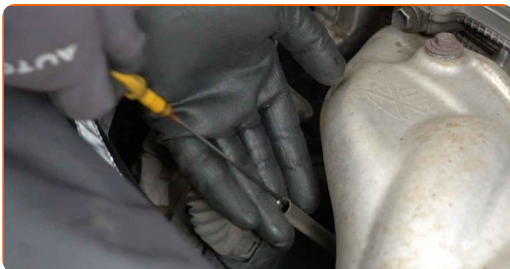
2

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



3

Pull up the oil dipstick.



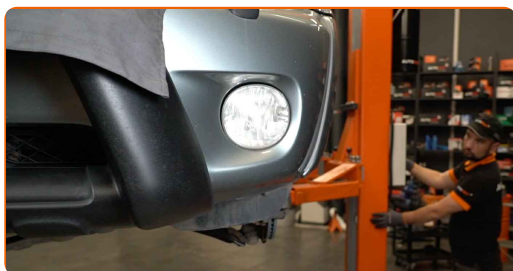
4

Unscrew the oil filler plug.



5

Lift the car using a jack or place it over an inspection pit.



Replacement: engine oil and filter – Toyota RAV4 II. AUTODOC recommends:

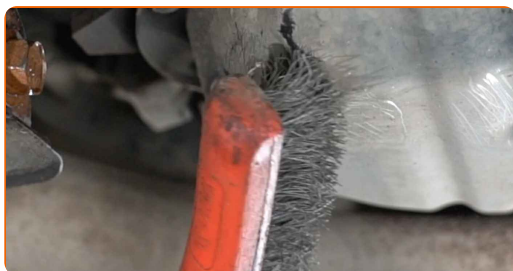
- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

6

Put a waste oil container with at least 5 l capacity under the drainage hole.

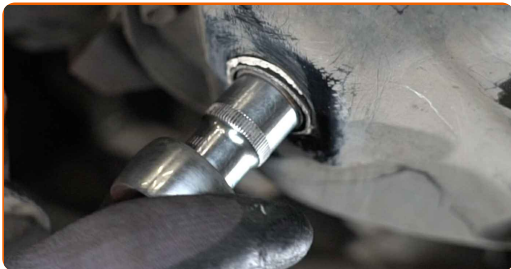
7

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



8

Unscrew the drain plug. Use a drive socket #14. Use a ratchet wrench.



9

Drain the used oil.



Replacement: engine oil and filter – Toyota RAV4 II. AUTODOC experts recommend:

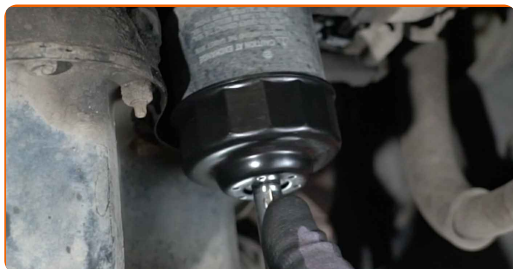
- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

10

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



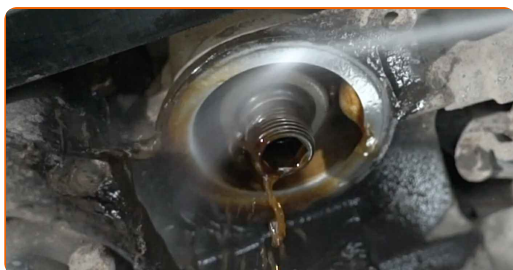
- 11** Unscrew the oil filter. Use the 65-14F socket. Use a ratchet wrench.



- 12** Remove the oil filter.



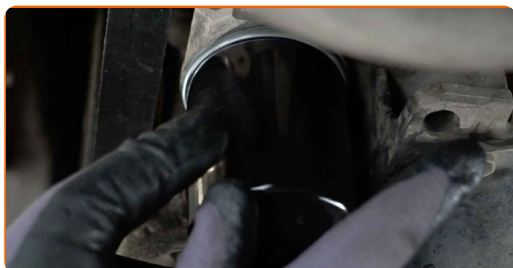
- 13** Clean the oil filter seat. Use all-purpose cleaning spray.



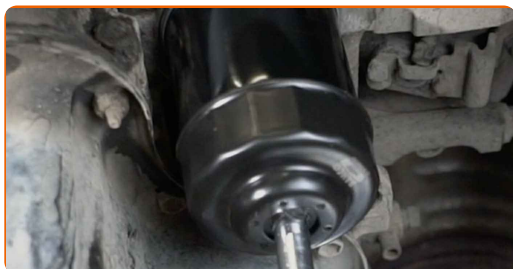
- 14** Lubricate the rubber seal of the new filter with a little amount of fresh oil.



- 15** Install a new oil filter.



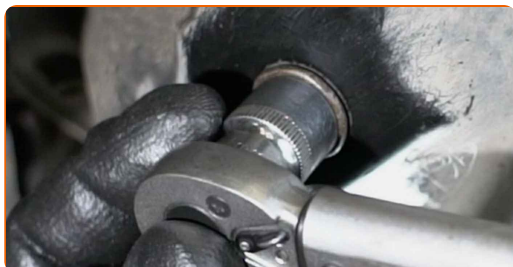
- 16** Tighten the oil filter. Remember to observe the recommended tightening torque. Use the 65-14F socket. Use a torque wrench. Tighten it to 24 Nm torque.



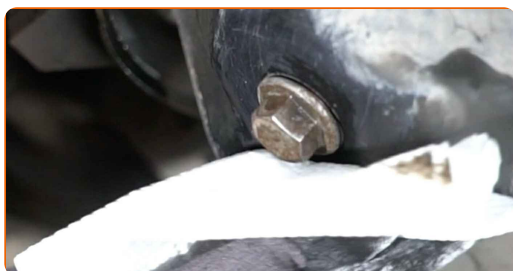
- 17** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



- 18** Screw in the new drainage plug and tighten it. Use a drive socket #14. Use a torque wrench. Tighten it to 25 Nm torque.



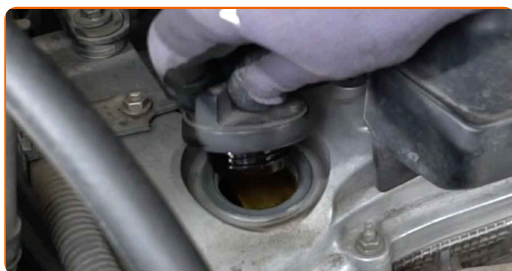
- 19** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



20 Lower the car.



21 Remove the oil filler cap.



22 Insert the funnel.



23 Pour oil into the engine through the filler. Required amount of oil: 4,20 l.

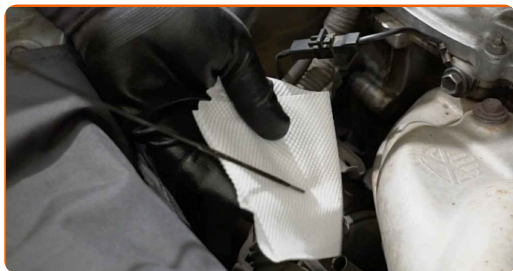


AUTODOC recommends:

- Use the oil recommended by the manufacturer.

24

Check the oil level using the dipstick. Top up oil if necessary.



Please note!

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

25

Install the oil filler cap.

26

Tighten the oil filler cap.



27

Run the engine for a few minutes.



28

After the oil pressure warning light goes out, stop the engine.

Replacement: engine oil and filter – Toyota RAV4 II. Tip from AUTODOC:

- Note that 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 channels, and the light will go out.

29

Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.

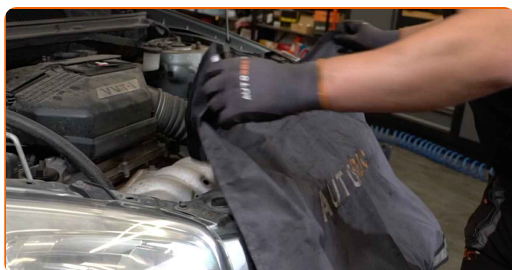


Please note!

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

30

Remove the fender protection cover.



31

Close the hood.



Replacement: engine oil and filter – Toyota RAV4 II. Professionals recommend:

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

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

BUY SPARE PARTS FOR TOYOTA

OIL FILTER: A WIDE SELECTION

CHOOSE CAR PARTS FOR TOYOTA RAV4 II

OIL FILTER FOR TOYOTA: BUY NOW

OIL FILTER FOR TOYOTA RAV4 II: THE BEST DEALS & OFFERS

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.