



How to change engine oil  
and filter on **TOYOTA**  
**Harrier I (XU10)** –  
replacement guide

## 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:

TOYOTA Harrier I (XU10) 2.4, TOYOTA Harrier I (XU10) 2.4 4WD

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: TOYOTA RAV 4 II (CLA2\_, XA2\_, ZCA2\_, ACA2\_) 2.0 4WD (ACA21, ACA20)

REPLACEMENT: ENGINE OIL AND FILTER – TOYOTA HARRIER I (XU10). 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 Harrier I (XU10). Tip from AUTODOC:

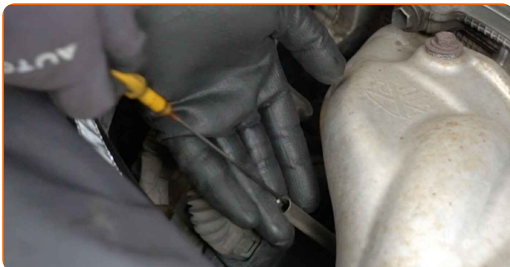
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- Please note: all work on the car – TOYOTA Harrier I (XU10) – should be done with the engine switched off.

**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.



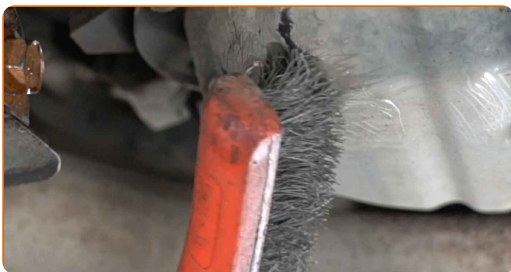
**5** Lift the car using a jack or place it over an inspection pit.

Replacement: engine oil and filter – TOYOTA Harrier I (XU10). AUTODOC recommends:

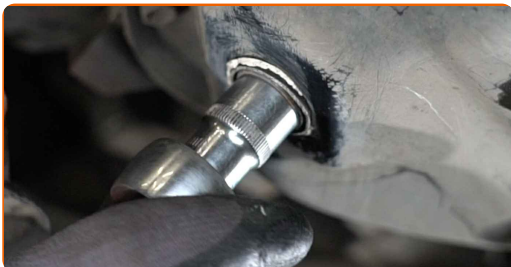
- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

**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.



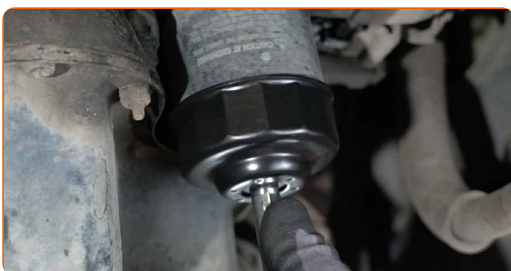
Replacement: engine oil and filter – TOYOTA Harrier I (XU10). AUTODOC experts recommend:

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

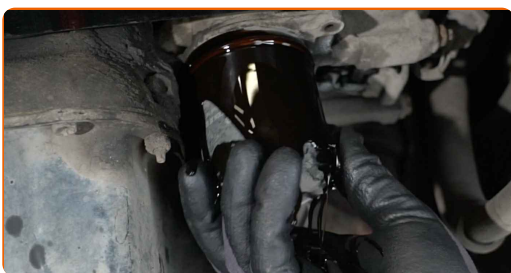
**10** Clean the oil filter. Use all-purpose cleaning spray.



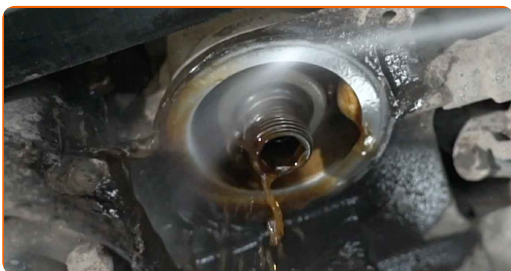
**11** Unscrew the oil filter. Use the 65-14F socket. Use a ratchet wrench.



**12** Remove the oil filter.



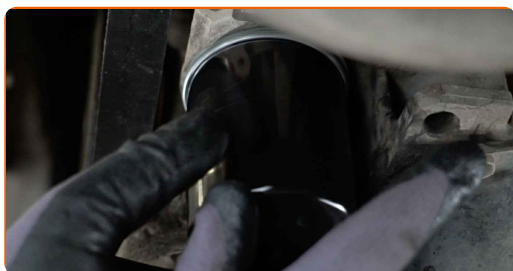
**13** Clean the oil filter seat. Use all-purpose cleaning spray.



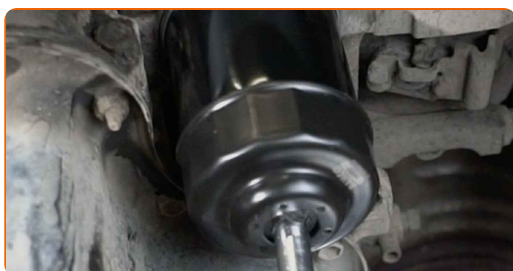
**14** Lubricate the rubber seal of the new filter with a little amount of fresh oil.



**15** Install a new oil filter.



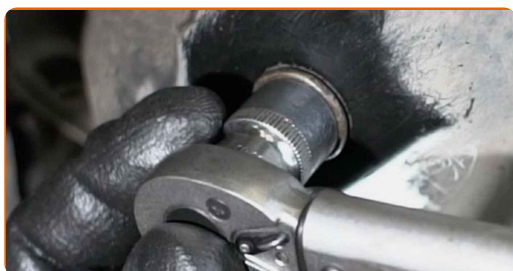
**16** Tighten the oil filter. Remember to observe the recommended tightening torque. Use the 65-14F socket. Use a torque wrench. Tighten it to 24 Nm torque.



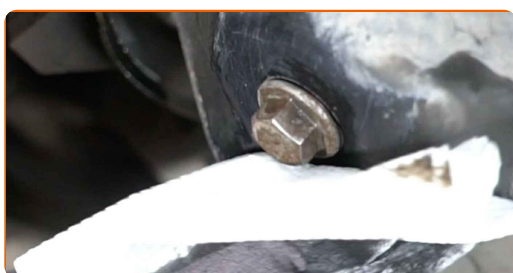
**17** Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



- 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.

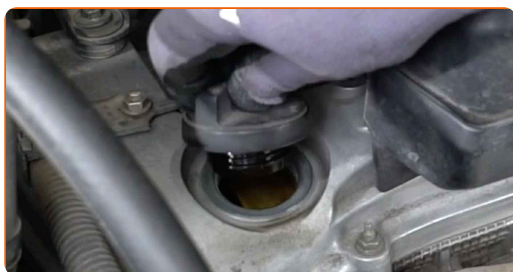


- 19 Clean the area of the oil pan drainage hole. Use all-purpose cleaning spray.



- 20 Lower the car.

- 21 Remove the oil filler cap.



- 22 Insert the funnel.





23

Pour new oil into the engine in the amount recommended by the car manufacturer.



**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 Harrier I (XU10). 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 Harrier I (XU10). Professionals recommend:

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

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