

# 2006-2008 Lexus RX 400h

(Also works for 2003-2009 Lexus RX 330/350)

## Oil Change

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### Tools/Items Needed:

- 4.7L (5 US Qts) of 5w-30 oil
- oil filter (see info below)
- drain plug gasket (see info below, not need if using oil extractor)
- 10mm socket wrench
- 14mm socket wrench
- oil catch container
- oil filter wrench.
- either jack stands or ramps (optional)
- funnel
- rags to soak up dripping oil
- Oil extractor (not needed if you choose to drain oil from plug)



### Oil filter Part #'s:

Toyota/Lexus 90915-YZZG1

K&N HP-1002

Mobil 1 Model M1102

Purolator L10241 or PureOne PL10241

Bosch 3330.

### Oil Drain Plug Gasket Part #'s:

Lexus: 90430-12031

Toyota : 904-3012028 or 3012031

## Step 1 (Using Oil Extractor):

- Make sure engine oil is warm, run engine for 2-5 minutes.
- Open hood, remove oil dip stick insert oil extractor hose down dip stick hole until you feel it the bottom of the oil pan. Make sure you do not open oil cap or remove oil filter until all the oil has been extracted; this will ensure
- Turn on or pump the oil extractor.



Step 1 (Using oil pan drain plug):

Place oil catch pan under plug and then remove drain plug with 14mm socket.

A photograph showing the underside of a car. A red arrow points to a small, circular metal plug on the oil pan. The car is parked on a light-colored concrete floor. The background shows a blurred outdoor area with greenery and a building.

Oil Pan Drain Plug

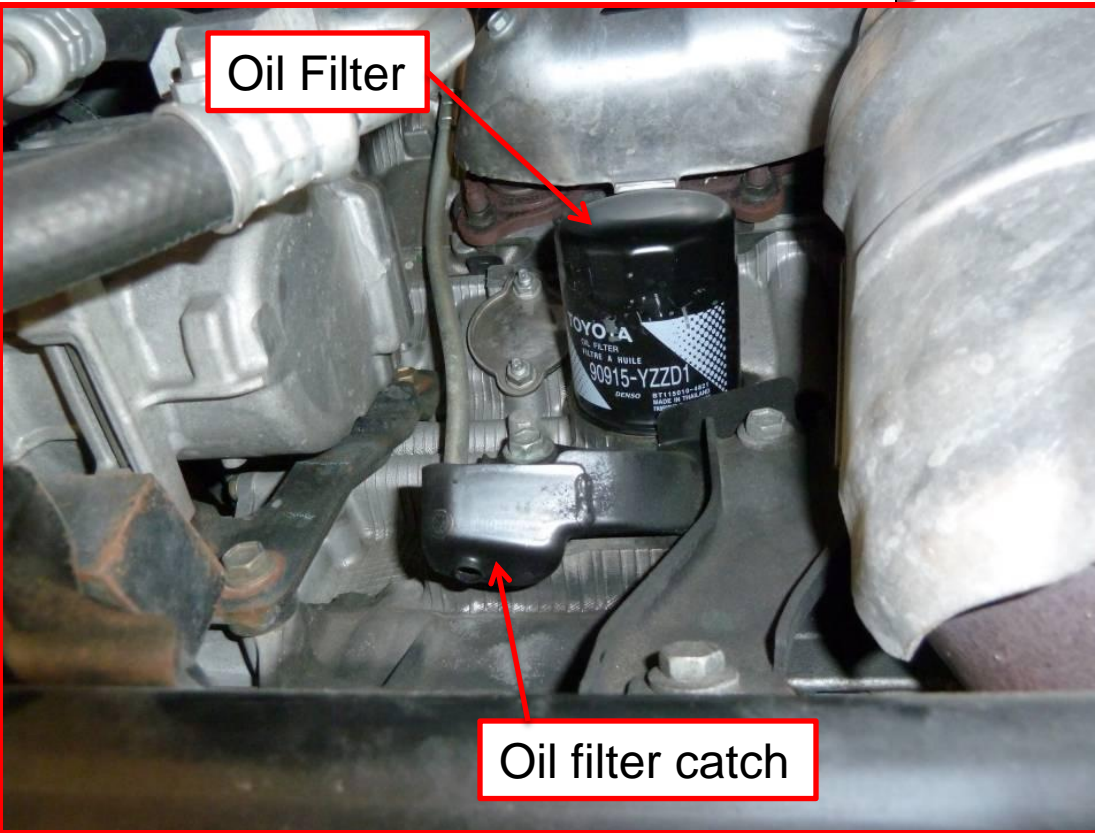


Step 2:

Remove the engine cover's **6 bolts**, **2 screws** with 10 mm socket and **2 clips** with screw driver or pliers.

### Step 3:

- After all the oil has been drained or extracted located the oil filter.
- Place oil catch pan under oil filter catch.
- Remove oil filter using either an oil filter wrench or socket.



Oil Filter Wrench

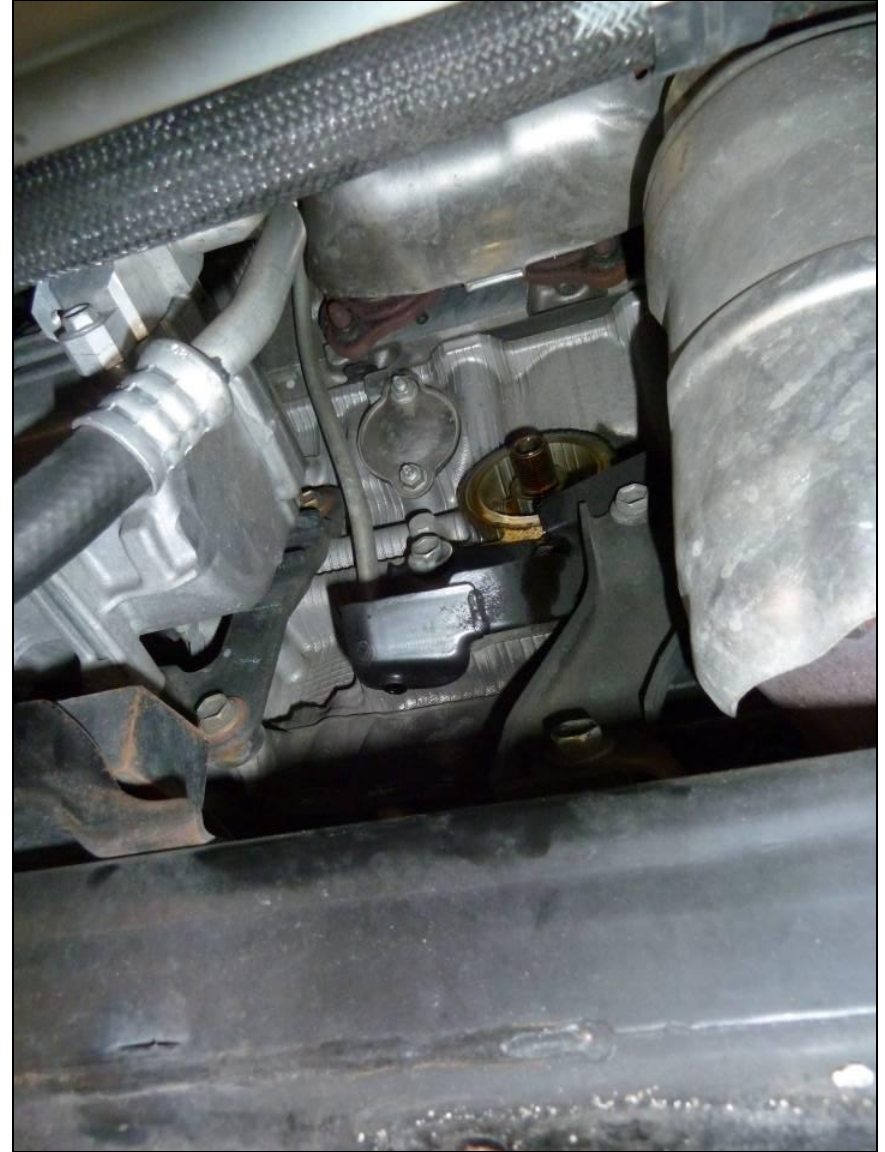


Oil Filter Socket

Toyota oil filter requires a 64mm 14 flutes

## Step 4:

- Clean off oil filter mounting surfaces and oil filter catch with rag.
- Using your finger add a light coat of oil to new oil filter seals.
- Install new oil filter until oil filter gaskets seat.
- Tighten an addition  $\frac{3}{4}$  of a turn or torque to 13 Nm (10 ft-lbs). **DO NOT OVER TIGHTEN**

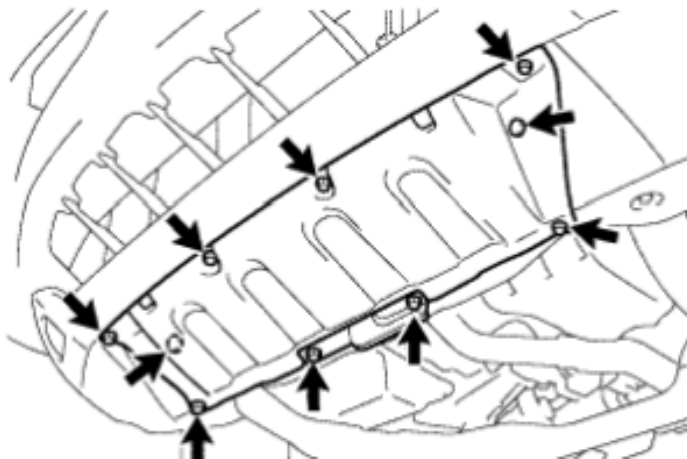


## Step 5 (using oil drain plug):

- Install oil pan drain plug with new gasket and torque to 45 N\*m (33 ft-lbs). **DO NOT OVER TIGHTEN!**

## Step 6:

- Re-install engine cover's **6 bolts**, **2 screws** with 10 mm socket and **2 clips** with screw driver or pliers.



A photograph of a car's engine compartment. The central focus is the oil dipstick, which is a yellow-handled metal rod. To its right is the black oil filler cap with a white oil can icon. A red arrow points from the dipstick to a text box at the bottom. Another red arrow points from a text box at the top to the oil cap. The engine cover is silver with a 'TURBO' badge. Various hoses and components are visible in the background.

Step 7:

Add 4.7 Liters (5.0 US Qts) using a funnel

Re-install dip stick



## Step 8:

### Reset “MAINT REQD” Message on dashboard

- With your car OFF, place your key in the ignition and turn to "On". Do not start the car.
- Find the odometer button and press until it reads the total odometer setting, (not the Trip A or Trip B setting).
- Turn the key to OFF.
- Place your finger back on the odometer button, press and hold. Then while still holding the button, turn the key back to "On" (not START).
- Hold the odometer button in until the MAINT REQD light goes out...should take about 8-10 seconds.