



2011-2013 Scion tC Oil/Oil Filter Replacement

How to safely replace the engine oil and engine oil filter in your 2011-2013 Scion tC.

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INTRODUCTION

Follow this guide to replace the Oil and Oil Filter in your 2011-2013 Scion tC.



TOOLS:

- [Jack Stand](#) (1)
- [Socket 14mm](#) (1)
- [Oil Drain Pan](#) (1)
- [3/8 inch Drive Socket Ratchet Extension](#) (1)
- [Socket Wrench](#) (1)



PARTS:

- [Engine Oil - Quart](#) (1)
- [Oil Filter](#) (1)

Step 1 — Oil/Oil Filter




- Open the spare tire compartment in the trunk of the vehicle by pulling up on the black tab.

Step 2




- Locate the manufacturer supplied jack and jack handle in the spare tire compartment, these will be needed for the replacement.

 This is an emergency jack, and is not safe to use for routine maintenance. Use a floor jack with a weight rating appropriate for your vehicle.

Step 3



- Place the jack approximately 2 feet behind the passenger wheel tire at the shown location. Finger tighten the jack until snug against the frame.

 It's best to avoid using the jack included with the car. If at all possible, use at least a 2 ton floor jack.

Step 4



- Place the jack handle in the jack to begin lifting the car.

Step 5



- Using two hands, turn the jack handle clockwise and raise the car.

Step 6



- Raise the car until the jack stand can fit underneath the frame. Place the jack stand under the frame as close to the jack as possible.

Step 7



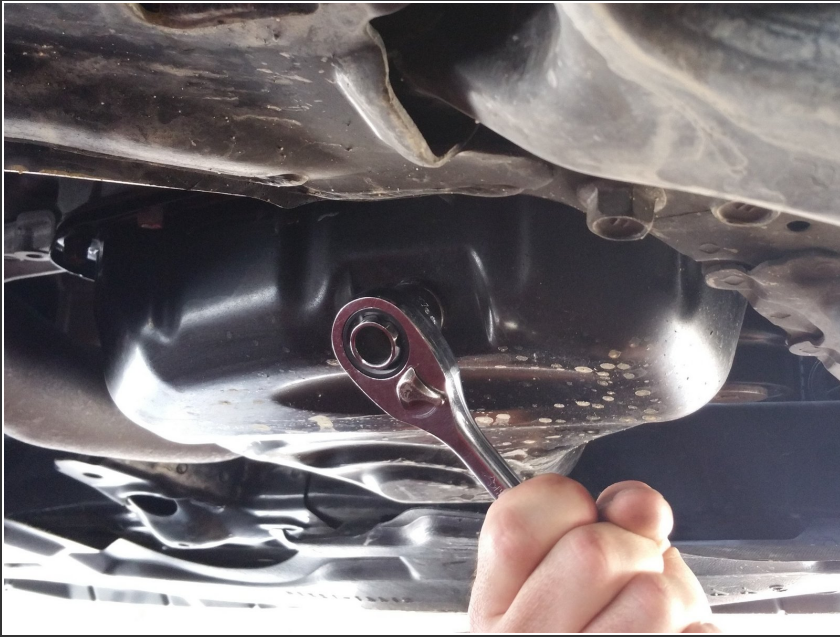
- Lower the car onto the jack stand by turning the handle counterclockwise. Remove the jack once the load is taken off.

Step 8



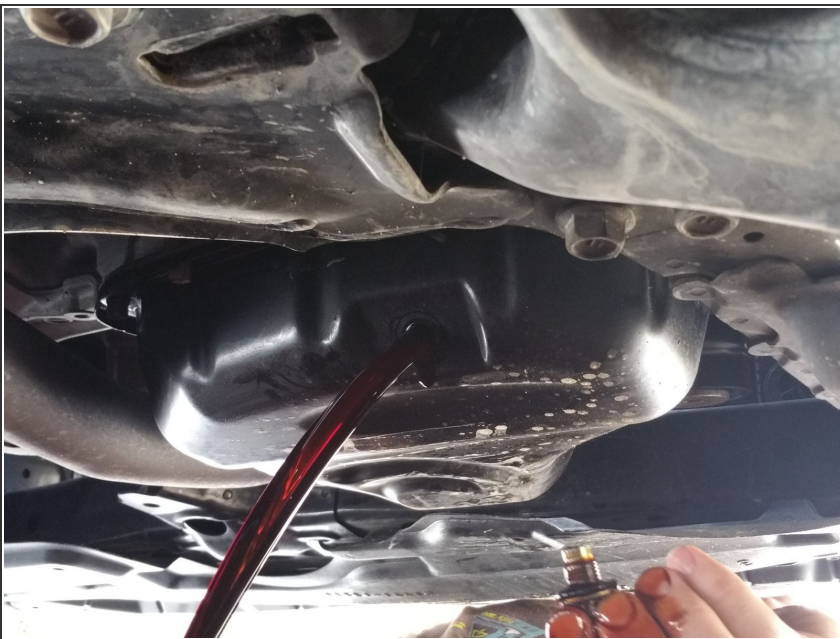
- Once the jack stand is securely in place locate the engine oil drain plug. This is most accessible by crawling on your back from the front of the car.

Step 9



- Using the 14mm socket wrench loosen the drain plug by turning counterclockwise until you can turn the plug by hand. Be careful not to loosen all the way to avoid spilling oil.

Step 10




- Once the plug is slightly loose, place the oil drain pan underneath the plug, remember to account for the arc of the stream when placing the oil pan. Once the pan is placed continue to loosen the plug until oil begins to flow. Allow oil to drain freely until only slow drops come from the drain.

Step 11



- Allow oil to drain freely until drops of oil are slowly coming from the drain. Then re-tighten the oil drain plug using the 14mm socket wrench.

 Do not over-tighten the drain plug, only apply approximately 20 lbs to the end of the wrench.

Step 12



- Now locate the oil filter, this most accessible on your back from the front of the car. The filter should be about a foot closer to the front of the car from the oil drain plug.

Step 13



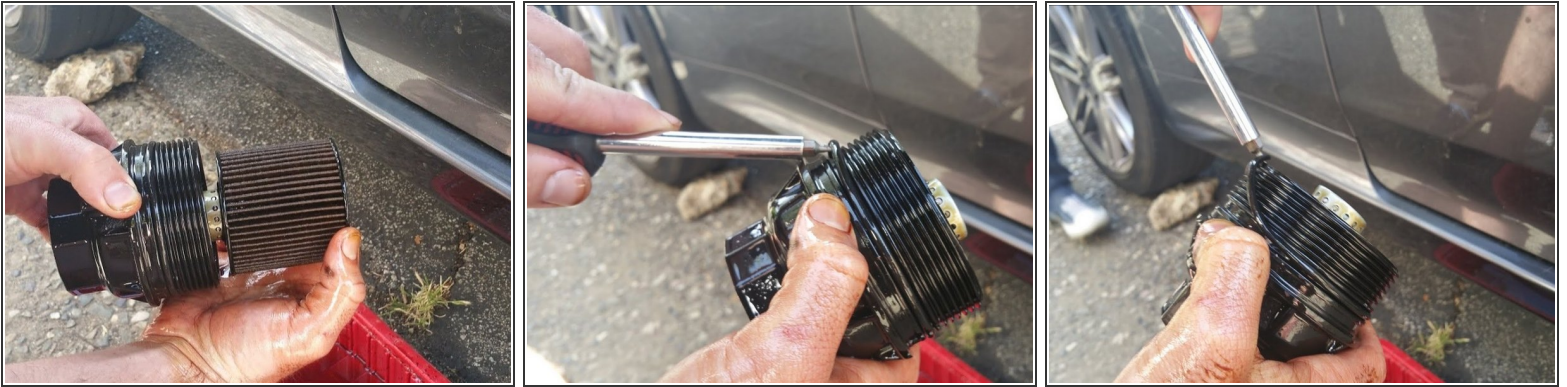
- Using the 3/8 inch socket wrench with extension loosen the oil filter by putting the extension in the square hole in the filter and turning counterclockwise.

Step 14



- Place the oil drain pan directly under the filter. Fully loosen the filter by hand until you are able to remove it from the vehicle.

Step 15



- Remove paper filter from filter cartridge, this is disposable. Use the flathead screw driver to pry the o-ring off the cartridge.

Replace the oil filter with a new one. Once reinserted into the filter housing, relube the o-ring with some fresh oil and reinstall on the filter housing. To reassemble your device, follow these instructions in reverse order.