

# How to Change the Oil in Your Car

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## Objective

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The learner will be able to change the oil and oil filter in their own vehicle, following these instructions and the steps shown in the accompanying video at [www.seejanedrill.com](http://www.seejanedrill.com)

## Resources Needed to Complete Job

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- **Tools & Equipment**
  - The correct type and amount of oil for your vehicle, and the correct oil filter. To find out what types are needed for your car, visit your local auto parts store, or you can get the information from the owner's manual for your car.
  - Ratchet and Socket set
  - Oil pan, or another container to collect the used oil that you don't need for any other purpose
  - Oil recycle container (or another sealable container to dispose of the used oil)
  - Funnel
  - Oil Filter Wrench
  - Safety Glasses (highly recommended for the portion of the job where you are under the car)
- **General Supplies**
  - A bucket with a small amount of water in it
  - Flashlight (1 or 2. The type you wear on your head is particularly helpful for this job)
  - Paper towels
  - Gloves
  - Sealable Plastic Bag

- **Access**

- If possible, it is best to attempt this job during daylight hours on a sunny day, for the best possible lighting. It is also a good idea to keep the hood of the car open for the entire job, to allow more light to filter in to underneath the car.

## Steps to Complete Job

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### Part 1 - Remove the Existing Oil and Oil Filter

1. **Slide the oil collection pan into position underneath the bolt on the bottom of the car's oil pan.** Using your ratchet and socket, loosen the nut. Once it is loosened, you will be able to remove it by hand.



Car oil pan and bolt

2. **Re-attach the bolt.** Change the direction of the socket, and tighten with the ratchet.

**Note:** Before you get up, you want to re-position the oil collection pan so that it is underneath the oil filter (more towards the front of the car), because when you remove the oil filter from the top of the car, some oil will drip out.

**Now you are done underneath the car.**

3. **Remove the oil filter.** Sometimes this can be tricky to get to, which is why you will use a special oil filter wrench to remove it. Remove it with the oil filter wrench by turning it to the left. Once it is loosened, you can complete

the removal of the oil filter by hand. Notice that oil will be dripping out, which is why you placed the oil filter hand underneath it earlier. Slowly bring it up, right side out, being careful to not spill the oil that will be in it.



Existing Oil Filter

## Part 2 - Install New Oil Filter and Replace the Oil

1. **Install the new oil filter on the oil filter gasket.** Screw the oil filter in “hand-tight”. It’s similar to screwing in a light bulb.



Oil Filter Gasket

4. **Oil replacement.** Remove cap from oil tank. Using a funnel, pour in the new oil. Remove the funnel, and re-attach the cap.



Removing cap from oil tank

5. **Start the car up.** Check the oil gauge to ensure that your oil pressure is good.
6. **Next, check the oil in the tank** to ensure that it is at the proper level.
7. **Clean-up.** Submerge the rags that you used in the water in the bucket, and place them in the plastic bag. This will minimize any chance of a spontaneous combustion danger. You will also dispose of the used oil filter, and later, your gloves, in the same bag. Then, using your funnel, pour the used oil carefully into the oil recycle container. Clean up your pans and funnels, and that is it.

**And that is it. You have just changed the oil in your own car!**

For further information about the task described in this worksheet and the tools and materials needed to complete this job, refer to [seejanedrill.com](http://seejanedrill.com)

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