



# 2011-2018 VW Jetta Oil & Filter Replacement

Replace the engine oil and filter in a sixth generation (2011-2018) Volkswagen Jetta

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 **TOOLS:**

- 3 Ton Car Jack (1)
- Car Axle Stand (2)  
*Most car stands can be purchased in pairs*
- Oil Drain Pan (1)
- Funnel (1)
- 5 16 Allen Wrench (1)
- Paper Towels (1)
- Dirty Clothing (1)
- Head lamp (1)  
*optional*
- Oil Filter Wrench (1)  
*optional*
- Cardboard or Shop creeper (1)

**PARTS:**

- Castrol Edge SAE 5W-30 (1)
- Fram Oil Filter: Part No. PH2870A (1)

## Step 1 — Prepare Car Jack



- Ensure car jack is ready by rotating handle clockwise completely
- Locate metal beam under car used for jacking
- Position car jack platform under metal beam

## Step 2 — Raise up passenger side of car



- Pump car jack handle to raise up car
- Raise up car stand 4 notches
- Place car stand underneath wheel metal beam

## Step 3 — Lower car onto car stand



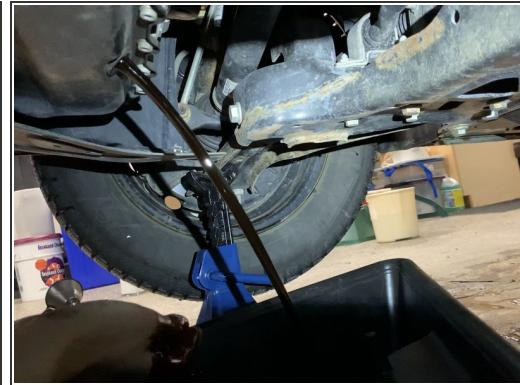
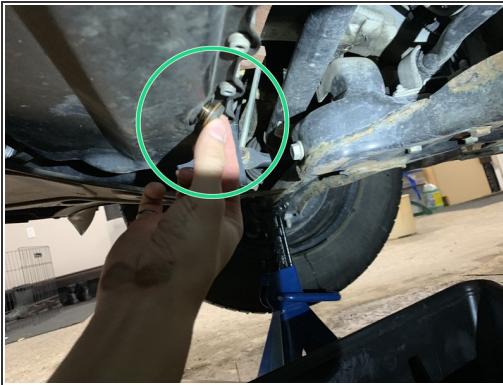
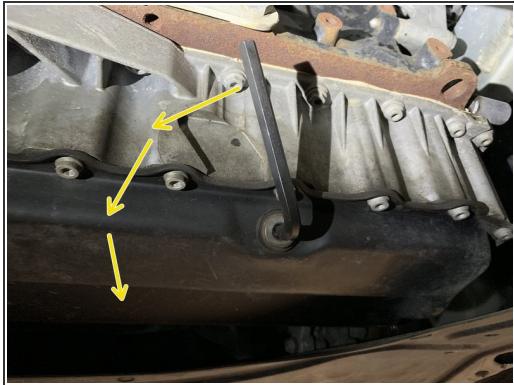
- Lower car onto the stands by rotating the jack handle counter-clockwise (very gently)  
⚠ Depending on your model of jack, the jack may lower rapidly or slowly. Do your best to lower the car gently
- Repeat steps 1-3 on driver side of car
  - At this point, both sides should be raised off the ground
- Place clean cardboard underneath the car

## Step 4 — Prepare to drain the oil



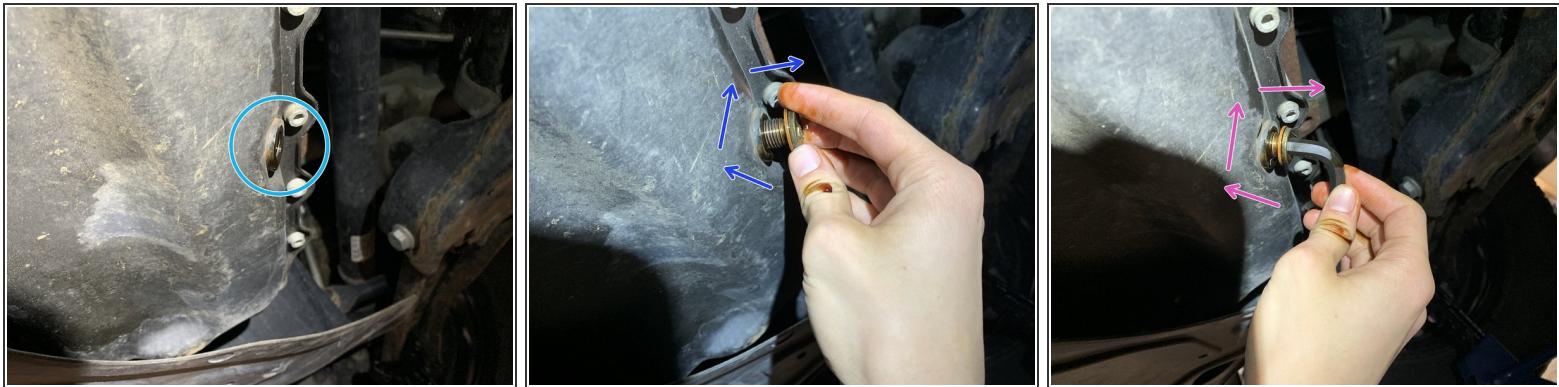
- Locate the oil container underneath the car (this will require crawling under the car and laying on your back)
- Locate the bolt used to drain the oil
- Position the oil drip pan underneath the bolt

## Step 5 — Drain the oil



- Loosen the bolt by turning the 5/16 allen wrench counter-clockwise
  - *i* It may take a significant amount of force to loosen the bolt
  - Once loose, remove the bolt by hand
    - **!** Once the bolt is removed, oil will immediately flow out
    - **!** Make sure the oil drip pan is positioned well
    - *i* Once the bolt is removed, you will get a significant amount of oil on your hand
    - **!** Don't drop the bolt into the oil pan. It will be slippery!
  - Wait ~10 minutes for all the oil to drain out

## Step 6 — Replace oil bolt



- Clean up the drainage hole with paper towel
- You may need to use a paper towel to wipe up any beading oil
- Insert the bolt, turning clockwise
- Tighten the bolt with the 5/16 allen wrench until the wrench won't turn any further. This is plenty tight.

## Step 7 — Prepare to remove oil filter



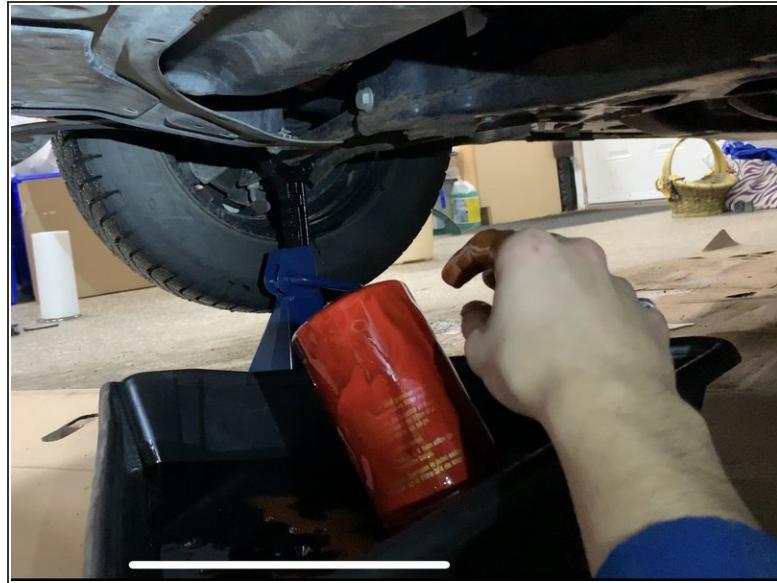
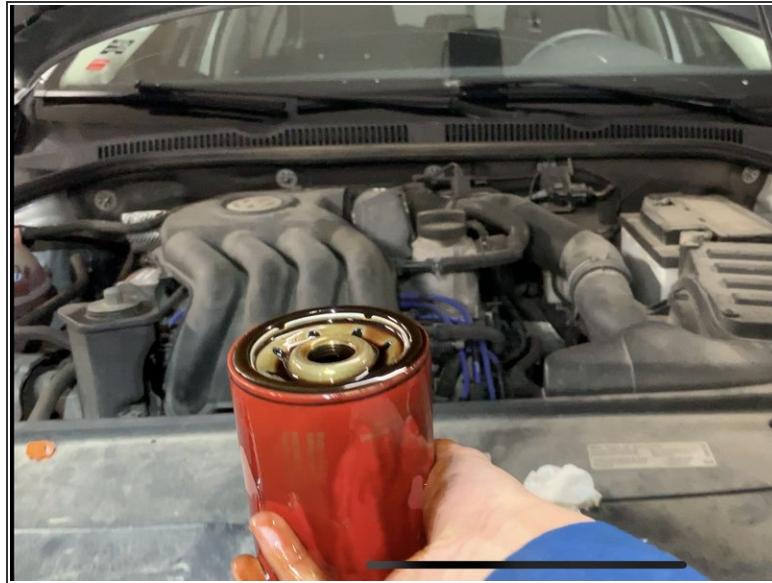
- Position drip pan underneath the plastic cover as shown in picture
- Open the hood of the car
- Locate the oil filter
- The oil filter is near the front of the car
- The oil filter looks like a cylinder

## Step 8 — Remove the old oil filter



- Loosen the oil filter by hand
  - *i* It may take a significant amount of force to loosen the oil filter
  - *i* A filter wrench can be used to help loosen the filter
  - *i* Turn the filter clockwise to loosen (from the perspective of the user)
    - see video if you're confused
- Remove oil filter
  -  Once you remove the filter, some remaining oil will spill out, onto your hand, and into your well placed oil drip pan
  -  The filter may be very slippery, don't drop it!

## Step 9 — Drain the Oil Filter



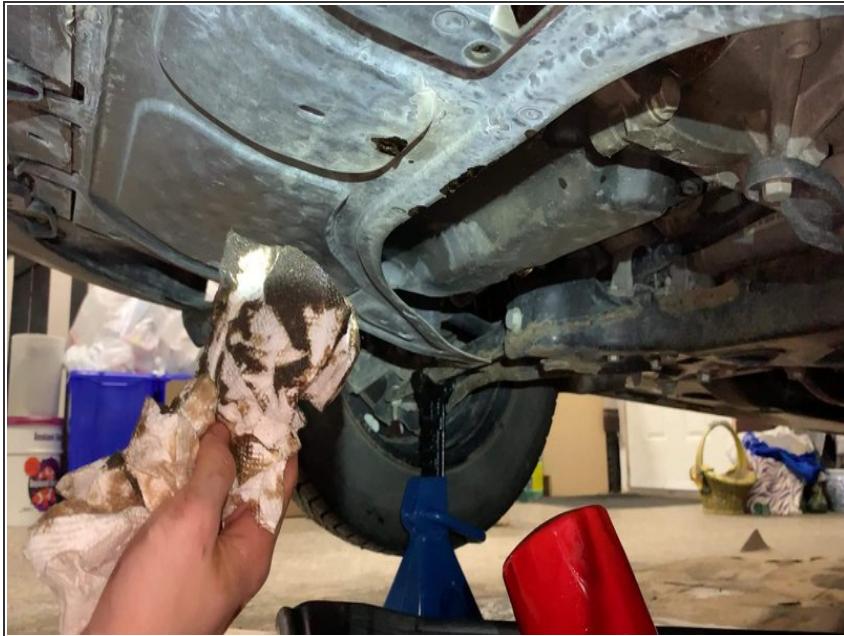
- Place old oil filter upside down on the knob in the oil drip pan

## Step 10 — Install new oil filter



- Get new oil filter
- Install oil filter
  - Turn the oil filter counter clockwise to install (as appears to the user)
  - Tighten by hand until both hands can't get it any tighter - This is plenty tight

## Step 11 — Clean up any spilled oil pt. 1



- Wipe up the oil that spilled out when you replaced the filter
- i* This spilled oil is normal
- i* Use plenty of paper towel

## Step 12 — Clean up any spilled oil pt. 2



- Wipe up any oil that spilled below the filter

## Step 13 — Prepare to put in new oil



- Locate the oil cap
- Remove the oil cap
- Place funnel into oil cavity

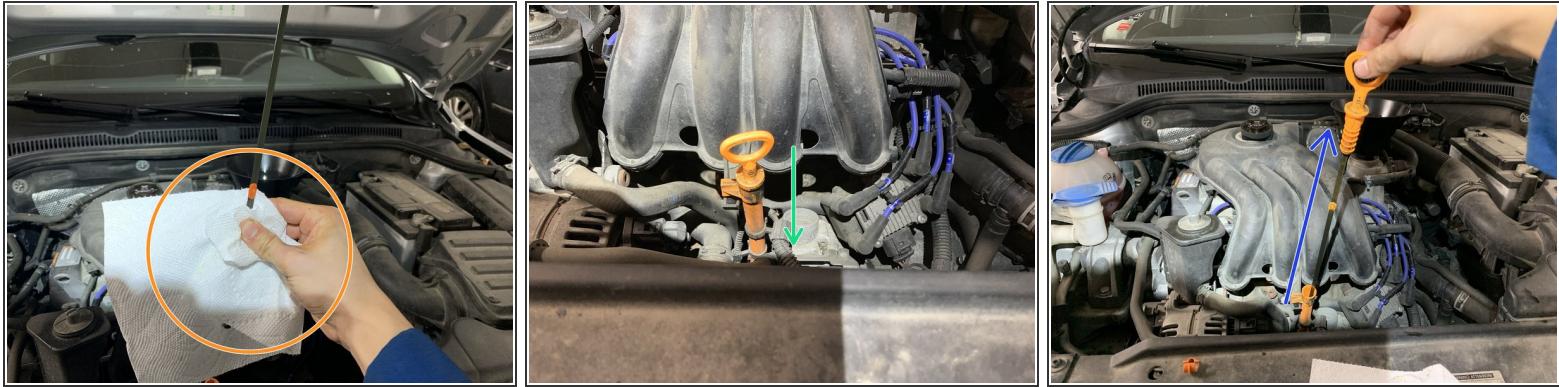
## Step 14 — Pour in new oil



- Pour in new oil

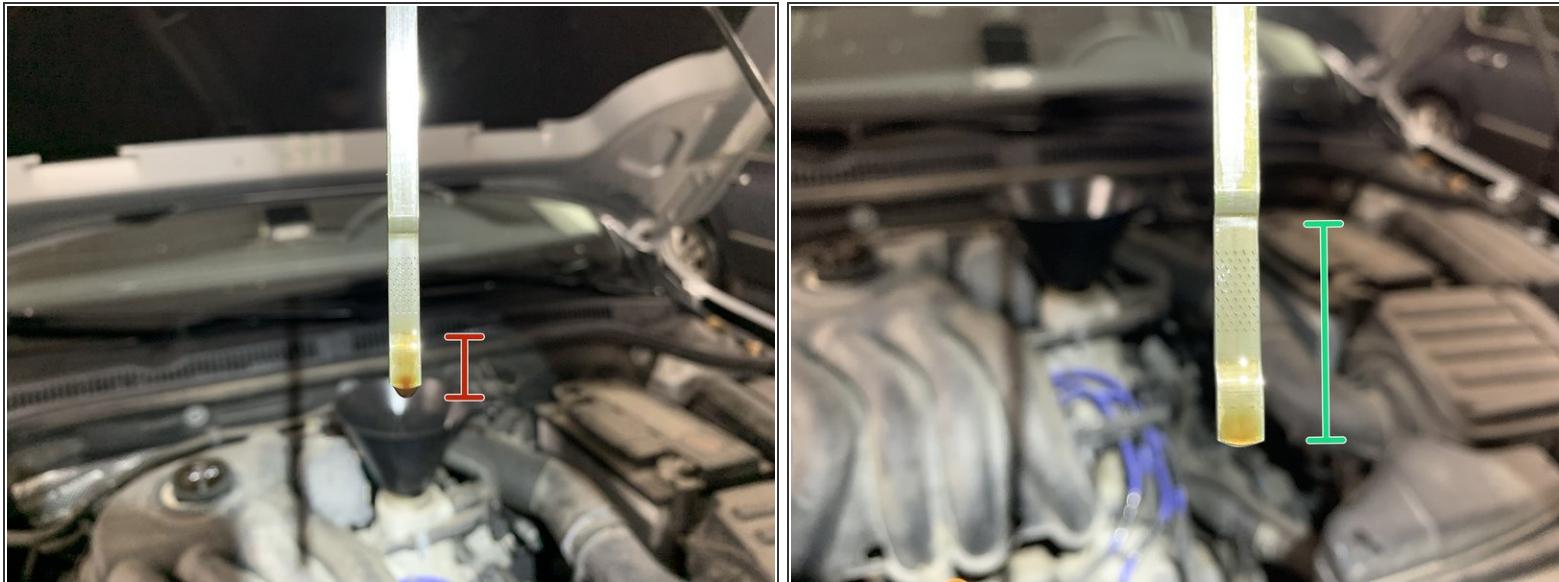
 Engine oil is sold in 5 litre containers. VW engines only require ~4 litres. Only pour in 4/5 of the oil!

## Step 15 — Clean Oil Dipstick



- Remove oil dipstick
- Clean oil dipstick with paper towel
- Insert oil dipstick all the way
- Remove oil dipstick

## Step 16 — Check Oil Level



- Check Oil Level
  - If oil is too low, add more
  - Oil is full when the level is just below the bend in the metal of the dipstick

## Step 17 — Put away old oil filter



- Empty any remaining oil in the filter into the oil drip pan
- Turn the oil filter upside down and place into the box of the filter that was just installed into the car
- Mark the filter box as "old"
- Return the filter to a mechanic shop for recycling

## Step 18 — Remove the car stands



- Prepare car jack by turning the handle clockwise all the way
- Pump the car jack and position the jack underneath the metal beam
- Continue pumping the jack, raising the car off the car stands
- Remove the car stand

## Step 19 — Lower car onto the ground



- Lower the individual car side onto the ground by turning the handle of the car jack counter-clockwise

**⚠** Rotate clockwise as gently as possible

- Repeat step 18 and 19 for the other side of the car

## Step 20 — Turn on car



- Turn on car
- Leave car running for 5 minutes to let oil circulate
- After 5 minutes, check oil level using the dipstick
  - If oil level has dropped, add more oil - this is normal,

## Step 21 — Pour dirty oil into empty container



- Place funnel into oil container
- *(i)* If there is left-over clean oil, you can pour the clean oil into a second container of clean oil - this avoids waste
- *(i)* If you don't care about the remaining 1/5 of clean oil, just mix the dirty oil with the clean oil
- Pour the old oil into the recently-emptied oil container
-  Be careful not to spill any oil on the ground
- Mark the oil container as "old" and return to a mechanic shop for recycling

Drive off into the sunset

Enjoy a cool beverage (but not while driving off into the sunset)