



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



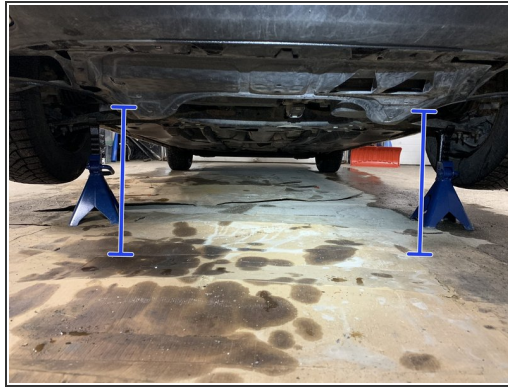
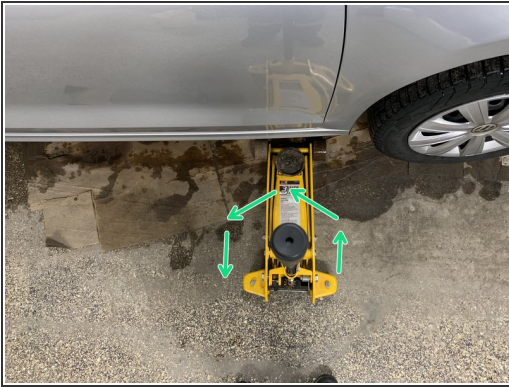
- Ensure car jack is ready by rotating handle clockwise completely
- Locate metal beam under car used for jacking
- Position car jack platform under metal beam

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



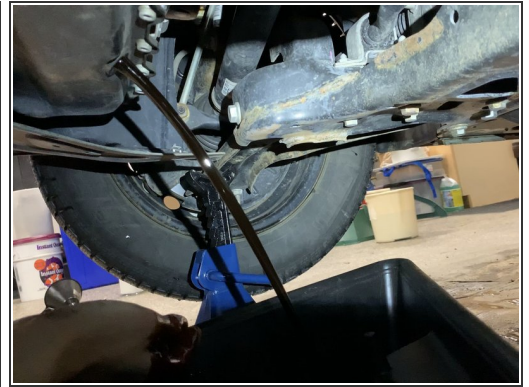
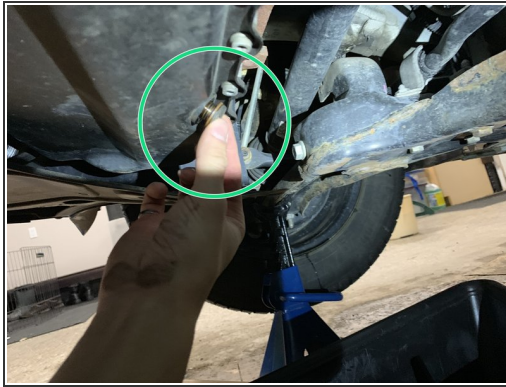
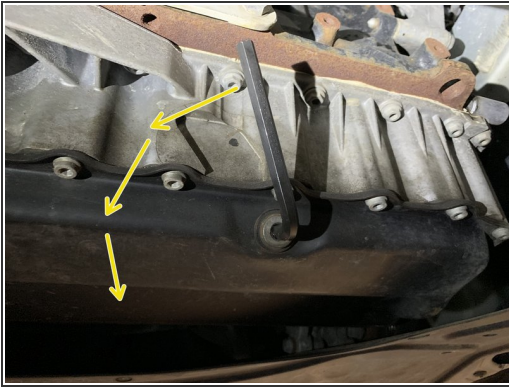
- Lower car onto the stands by rotating the jack handle counter-clockwise (very gently)
 - ⚠ Depending on your model of jack, the jack may lower rapidly or slowly. Do your best to lower the car gently
- Repeat steps 1-3 on driver side of car
 - At this point, both sides should be raised off the ground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

Step 4 — Prepare to drain the oil



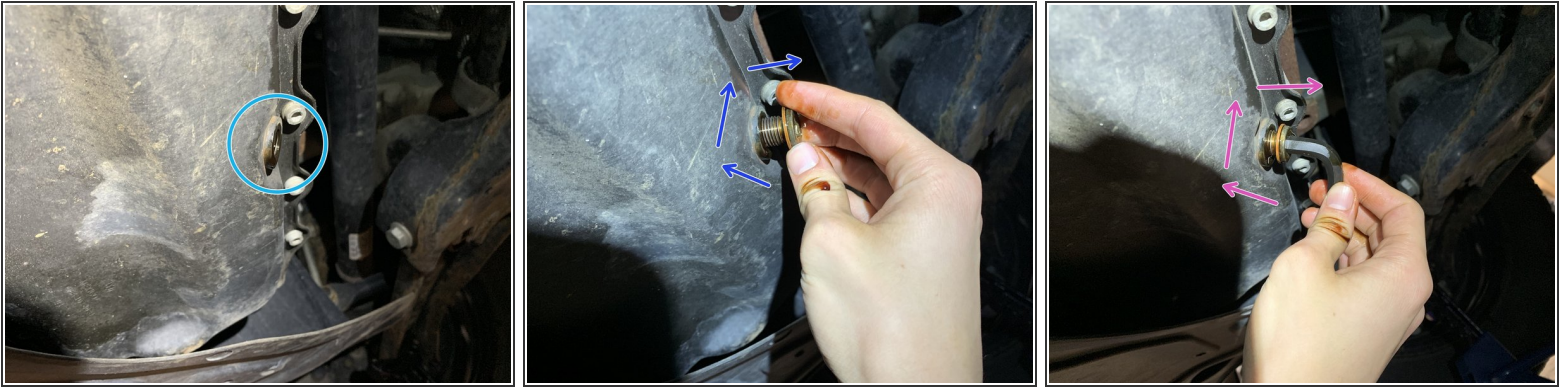
- Locate the oil container underneath the car (this will require crawling under the car and laying on your back)
- Locate the bolt used to drain the oil
- Position the oil drip pan underneath the bolt

Step 5 — Drain the oil



- Loosen the bolt by turning the 5/16 allen wrench counter-clockwise
 - ⓘ 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
 - ⓘ 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



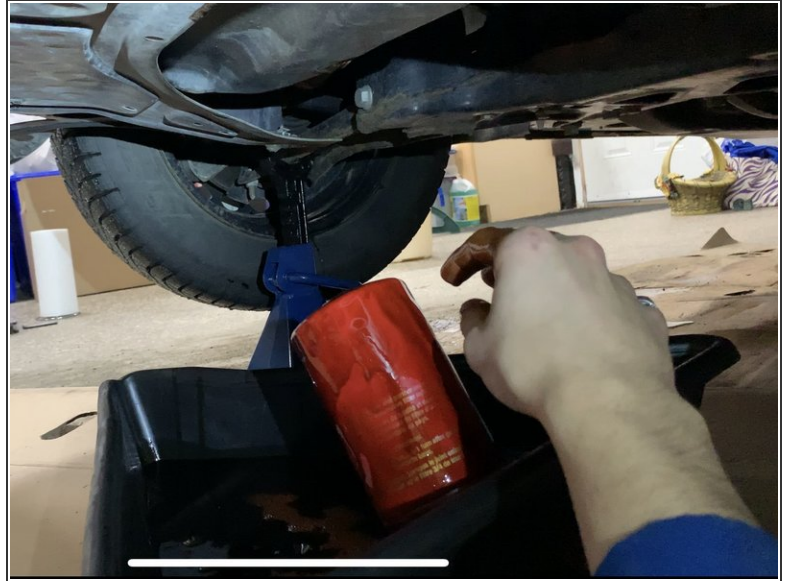
- Position drip pan underneath the plastic cover as shown in picture
- Open the hood of the car
- Locate the oil filter
 - ⓘ The oil filter is near the front of the car
 - ⓘ The oil filter looks like a cylinder

Step 8 — Remove the old oil filter



- Loosen the oil filter by hand
 - ⓘ It may take a significant amount of force to loosen the oil filter
 - ⓘ A filter wrench can be used to help loosen the filter
 - ⓘ 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



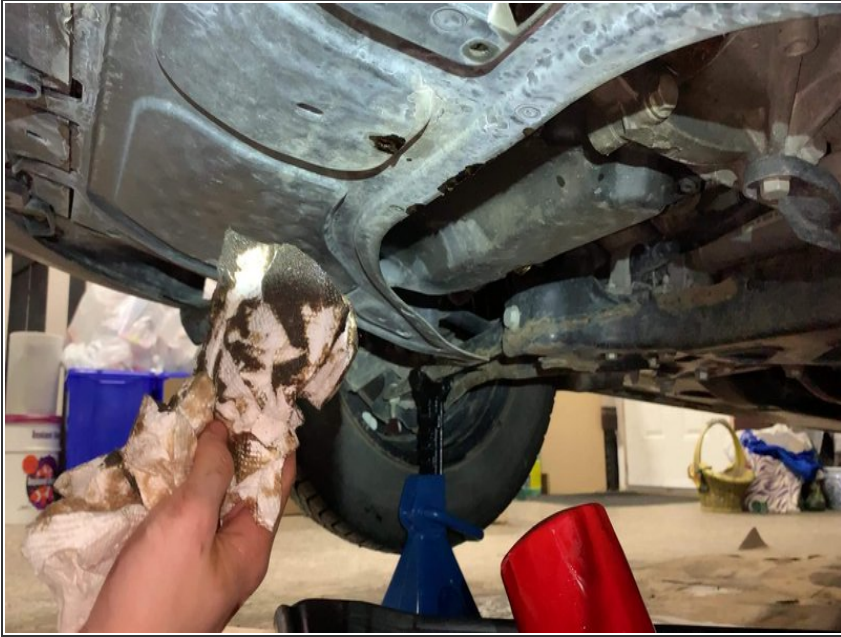
- Place old oil filter upside down on the knob in the oil drip pan

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



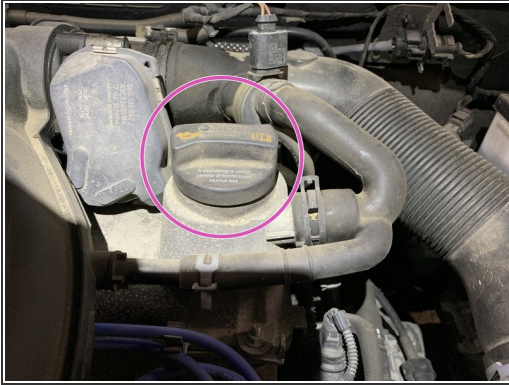
- Wipe up the oil that spilled out when you replaced the filter
 - ⓘ This spilled oil is normal
 - ⓘ Use plenty of paper towel

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



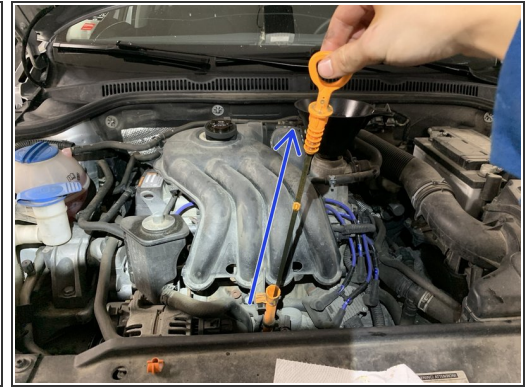
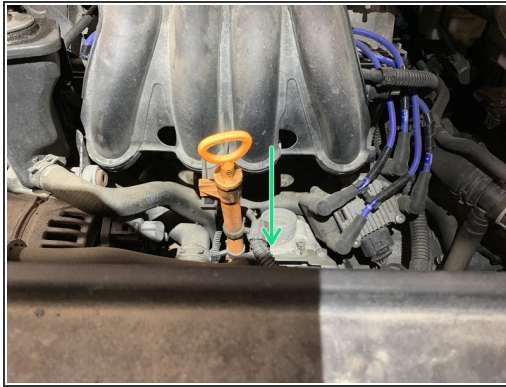
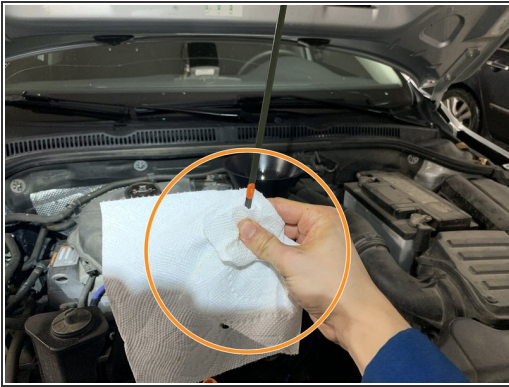
- Locate the oil cap
- Remove the oil cap
- Place funnel into oil cavity

Step 14 — Pour in new oil



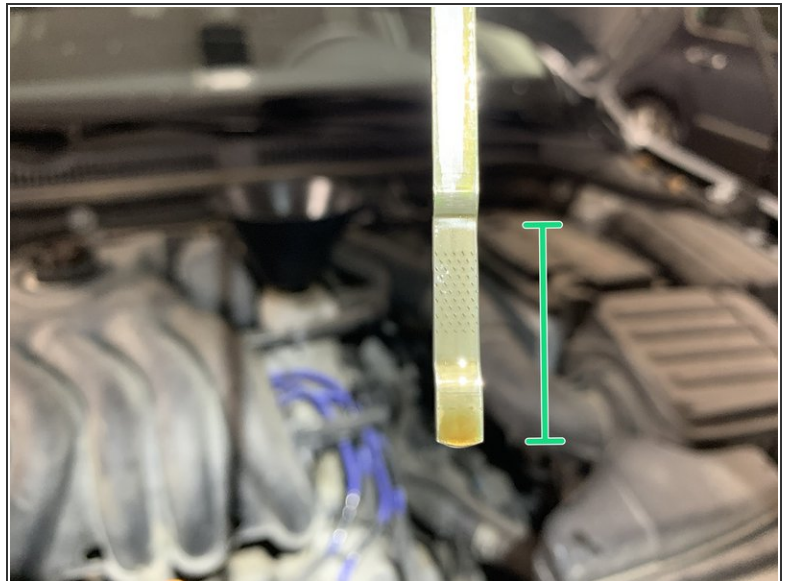
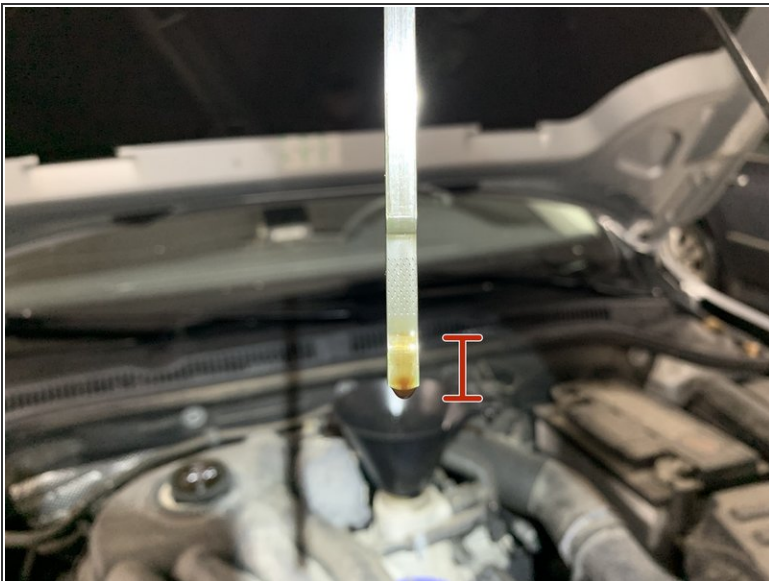
- Pour in new oil
 - ⚠ Engine oil is sold in 5 litre containers. VW engines only require ~4 litres. Only pour in 4/5 of the oil!

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



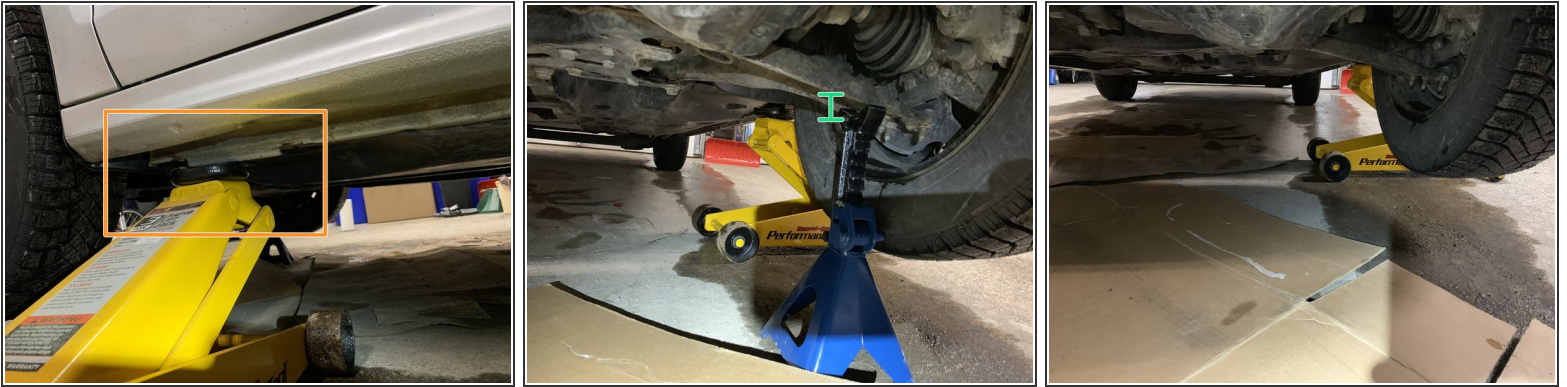
- Check Oil Level
 - If oil is too low, add more
 - Oil is full when the level is just below the bend in the metal of the dipstick

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
 - ⓘ If there is left-over clean oil, you can pour the clean oil into a second container of clean oil - this avoids waste
 - ⓘ 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)