

How to change the Oil Filter in a VW Golf MK5 – BKD Engine

Tools Required

- Car Jack
- Screwdriver
- 19mm Socket or Spanner
- T25 / T30 Torx (sockets, screwdrivers or bits)
- Ratchet with Extension Bar and Universal Joint with 32mm socket
- Oil Container and Rags

Specialist Tools

- VAGCOM
- Laptop

Items Required

- Engine Oil (My choice was Mobil1 ESP 5w/30)
- Oil Filter and O-Ring (I used a genuine OEM Filter – 071115562C)
 - Alternative filters can be from manufacturers like Guttmann – part no: 501440281
- Sump Plug and Washer
- Copper Grease (optional – to aid fitting of sump plug and future removal)



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Procedure to change the oil in the VW Golf MK5

1. Jack up the vehicle, pop the bonnet and lift it up {no picture} ©
2. Remove the T25 Torx Screws {x10} and T30 Torx Screws {x3} holding the under tray and remove it by pulling it away from the car (pulling it towards the rear of the car)



3. Place an oil container underneath the sump plug then loosen the sump plug and let the oil drain into it. Turning the screw anti-clockwise from the sump to remove it



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4. Remove the engine cover. Start from the front, pulling it upwards, it is held on by pop covers. Take care when removing it, the far left corner is a screw where you need to pull away from the screw rather than lift it up. The screw placement is highlighted below so you know the location when you are lifting the cover from the engine bay.



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5. Using ratchet, extension and universal joint with 32mm socket, loosen and remove the cap holding the oil filter in place



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6. Remove the old filter and replace compare first to make sure fitting will be OK



Examples of filters you can use: (OEM on left) (Aftermarket on right)



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7. Remove the old O-ring from the oil filter cap



8. Coat the new o-ring with oil to help with fitting and to maintain a good seal on replacement (you can use new oil or old oil from container)



9. Replace the cap on the filter housing. Using fingers first to get the first couple of threads and line up the cap as you can easily crack the plastic if cross threaded. If you have a torque wrench you tighten the cap to 25nm of torque



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10. When the cap is on, using the ratchet and 32mm socket and tighten up the cap again. You need to tighten the cap so it's secure but not enough to crack it. So nip it up, tighten the cap, then tighten a slight bit more



11. Give the sump plug threads a small coating of copper grease. This will aid future removal for the next oil service on the car then refit the sump plug to the car and tighten it to 22lb/fts (30 Nm) of torque. If you don't have a torque wrench, just spanner it up so it's stiff then tighten a slight bit more



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12. Once the sump plug has been replaced, remove the engine oil cap and refill your engine with its life giving blood. Keep checking regularly your oil level on the car. For reference, a completely empty sump takes 3.8litres of oil to fill it up to maximum. The Mobil1 and most other containers have an oil level indicator so you know how much has gone into your car. When you have finished filling the oil place the cap in the position indicated and rotate clockwise to “lock” it into position. I overfilled mine by accident here, but generally a small bit more won't harm it as you will burn it off. If your car has been over filled by a lot you will need to drain the tank otherwise you will pressurise the crankcase and blow the seals. It's best to fill it a small amount at a time and keep checking rather than overfill



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13. Once your car has had the oil changed, you will need to reset the service indicator message using VAGCOM. You can learn how to do this via my [YouTube video](#). If hyperlinks aren't being displayed it can be access via the following URL <http://youtu.be/Lzw7cXGQsSs>



If you don't have VAGCOM, you could manually reset the service indicator on the car using the clock buttons using the following procedure

- Switch Ignition OFF
- Press and hold the “min” clock button
- Switch Ignition ON
- Release button for “min”
- Press button “0.0”
- The service indicator should be reset.

I knew it was possible but couldn't remember how as I did it on my Passat, I found the above information via the link above at the following address... so thanks to “Padawan” for this information

<http://uk-mkivs.net/topic/22410-resetting-mk5-service-light/>