



Installation instructions

Thank you for purchasing our product. By following these simple steps, we are sure you will have trouble free installation process.



Step 1. Disassembly of the regulating system

- Remove the hex socket plug on the upper side of the module.
- Remove the OEM valve piston and its spring.
- Optional- (We recommend doing it for better control when inserting the new valve)
- Remove the five hex socket screws holding the oil pump cover and take it off.
- Take out the rotors of the oil pump as well.



Step 2. Cleaning

Even though our system is not as sensitive to contamination as the OEM, it is still important to keep everything clean. Break Cleaner and compressed air will come in handy here.

Step 3. Drilling a hole

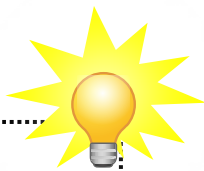
Although this step might make you nervous, we are certain you will be able to handle it. The drilling does not need to be very precise and we have a simple procedure in order to keep debris out of the oil channels.

A

Re-install the OEM valve piston and use something suitable to fixate the piston, at the bottom of the bore. Maybe you have a standard nut laying around? No need to tighten hard, it is only to keep the piston in place during the drilling operation.



Why are we doing this?

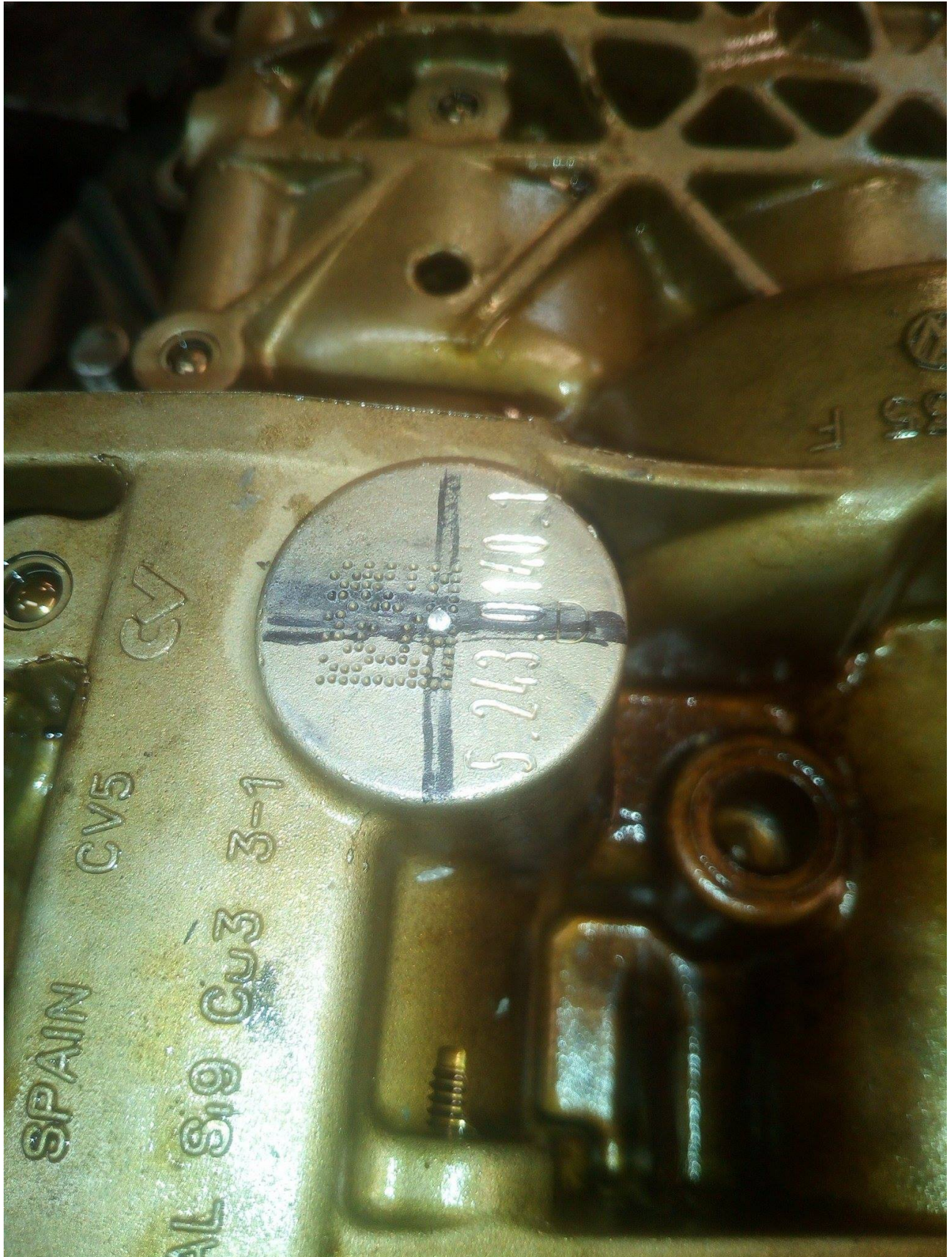


The Wasa Motor Oil Pressure Fix takes care of a number of problems, one of them being the issue where the oil pump shortens itself due to a blocked suction pipe. Neither the OEM or ours will work correctly if vacuum gets too high on the intake side. We therefore need to create a new point of reference for the underpressure.



B

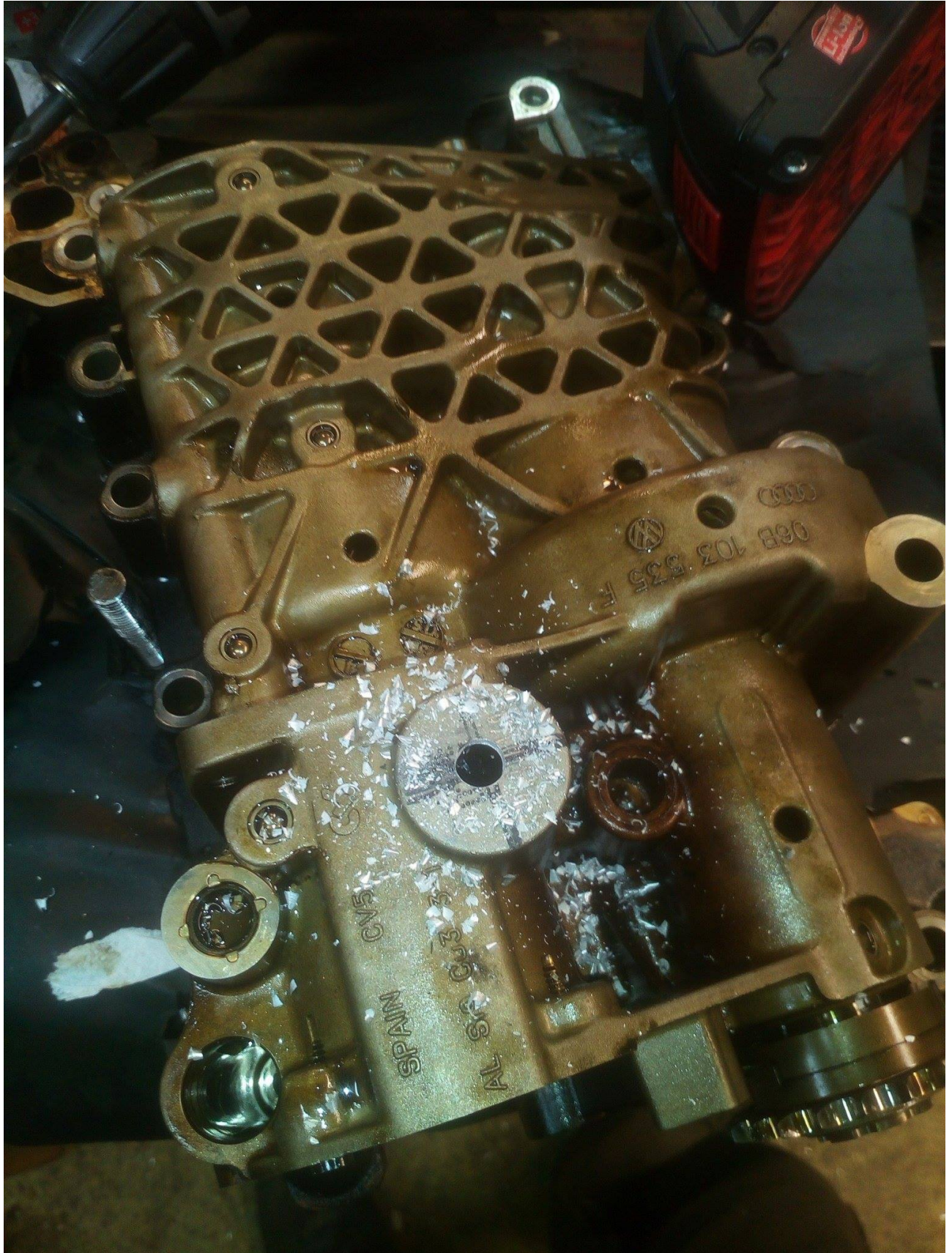
Turn the module around and mark it like in the image below. As stated before, this is no precision work, it does not have to be perfectly centered. Just do it to your best ability.





C

Time to drill. Use a drill bit around 8mm. Again, no precision work. You can choose a drill bit you have at home as long as it is between 4-8mm. Maybe you have a 1/4"?



**D**

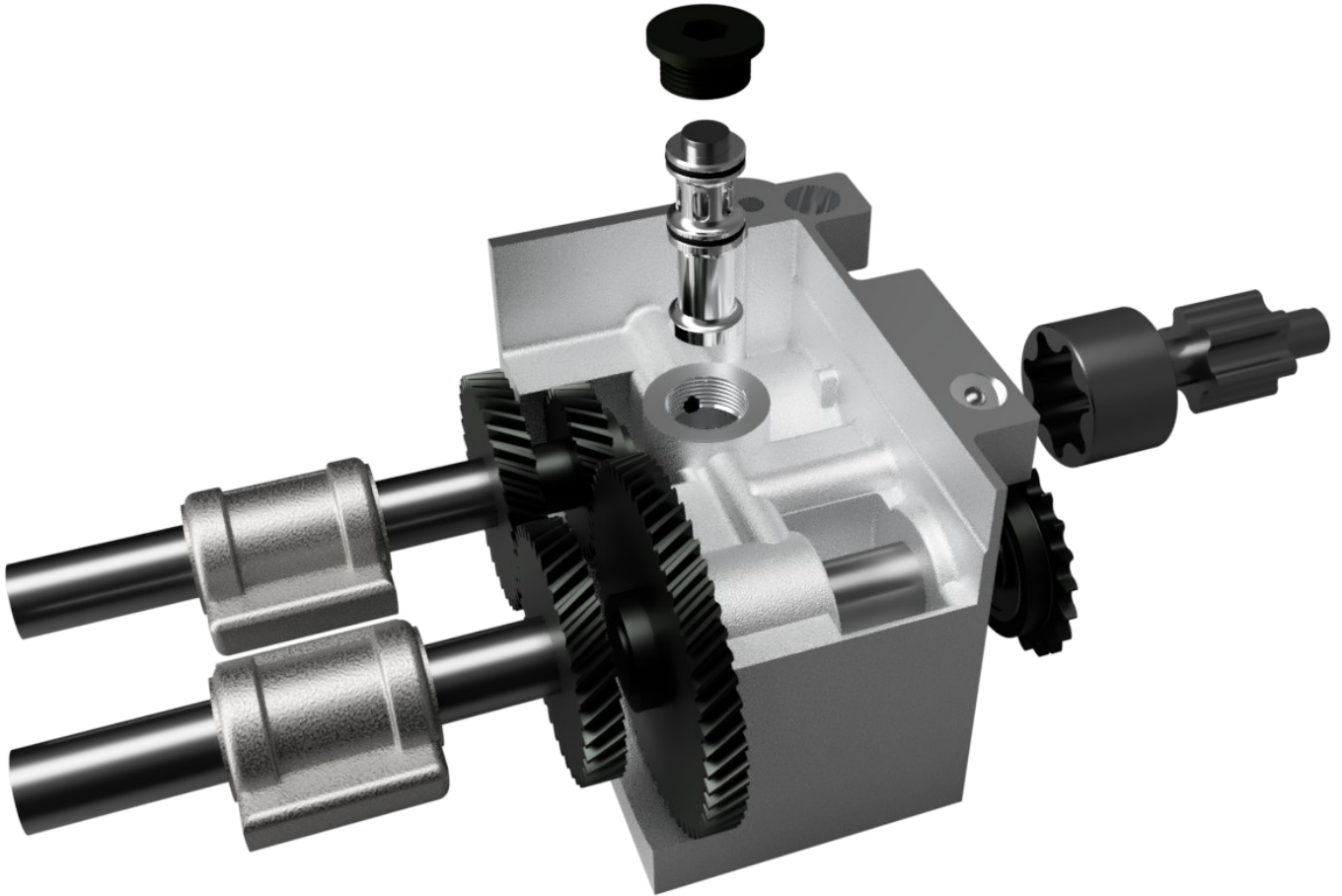
Turn the module over again and carefully remove the valve piston. By using this method you should be left with most of the drilling swarf inside the piston. Some debris will always be left in the bore, so give it another good cleaning.





Step 4. Installing the Wasa Oil Pressure Fix

That is all the hard work done. All that is left now is to insert the new valve into the bore. The image below shows the direction. Re-install the plug and you are done!



Word of advise!

Be careful not to damage the o-rings, the bore has some sharp edges.

This is where it comes in handy to have removed the oil pump rotors, because it enables you to see the orings and if necessary help them get past the ridge. Also make sure the bore is well lubricated.