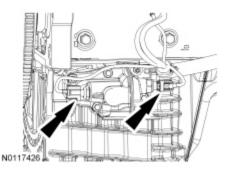


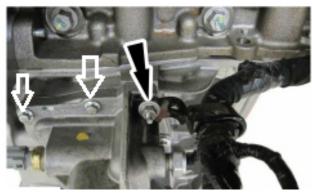
SPE 6.7L POWERSTROKE OIL FILTER HOUSING- FITS 2011+

***Take care and make sure to clean everything before disassembly.

1. Disconnect the electrical connectors at the housing (2020+ will have one connector). Remove the filter.



2. Remove the 10mm nut for the wiring harness. Then remove the rest of the 8mm bolts.



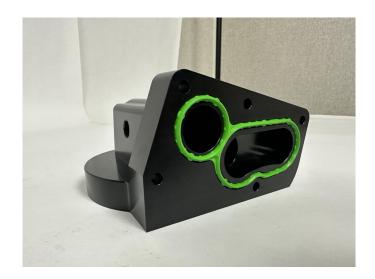
3. Due to the size of the SPE housing the wire holder/clamp will not be reused. Using pliers, remove it from your harness. Some trucks may vary in the style holder.



4. Transfer the temperature and pressure sensors into the new housing. The 11-19 trucks have taper threaded NPT sensors so be sure to use thread sealant. The 2020+ engines have oil pressure/temperature sensors built into one unit. This sensor is o-ringed so it doesnt need sealant. At this time you can install the provided plugs in the auxiliary oil ports and/or set them up for your intended use.



5. Install the new provided gasket into the housing. Then, install the housing with the provided stainless 5mm drive allen bolts. Torque to 100 IN-LB. Connect the sensors.





6. Prefill Your oil filter and install it. Also, at this time, if you are performing an oil change dont forget to fill the engine.



7. After installing the filter and topping off your oil, start the vehicle then recheck your oil levels, also being sure to check for any leaks.



*****You can now enjoy better filtration, flow, and maintenance intervals.** SPE recommends taking a sample and having a 3rd part lab check your oil health at a normal recommended change interval. This will allow you to get a solid idea of how long you want to go between oil changes. This is a great way to do it because of all the variables, including oil types and the way the vehicle is used just for examples.