2011-2016 BMW 520D - Engine Oil Change Complete

2011-2016 BMW 5 Series | Moderate | 1-2 hours | $75 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Oil Drain Pan Funnel Torque Wrench Oil Filter Wrench Gloves Safety Glasses Wheel Chocks

PARTS

Engine Oil $50.00
Oil filter cartridge element kit (with O-rings) 11428507683 $20.00
Drain Plug Washer BMW 11137525388 $5.00

STEPS

1. **Prepare the Vehicle - The 2011-2016 BMW 520d (F10, diesel) takes 5W-30 BMW Longlife-04.** Do NOT use LL-01 - the diesel's DPF (diesel particulate filter) requires low-SAPS LL-04 oil. Capacity: 5.2 liters (N47 engine) or 5.0L (B47) - verify your engine. You'...
2. **Lift and Secure the Vehicle - Raise the 520d and support with jack stands. Note: the oil** FILTER is accessed from the TOP (under the engine cover) - you only go underneath for the drain plug. Chock the wheels.
3. **Drain the Old Oil - Remove the drain plug (use a new washer on reinstall). The** DPF-equipped diesel produces more soot. Let it drain 15 minutes. Don't confuse the transmission drain with the engine oil drain.
4. **Replace the Oil Filter (topside) - Use the correct socket to remove the cap. Pull the old** cartridge out. Replace the o-rings (they come with the new filter). Reinstall the cap to spec.
5. **Reinstall the Drain Plug - Torque to BMW spec (not verified for the 520d - check the** service manual; do not guess). Wipe clean. Reinstall the undertray and the engine cover. Verify everything is secure.
6. **Add New Oil and Verify via iDrive - Lower to level ground. Do NOT use LL-01 or** non-low-SAPS oil - it will damage the DPF. Start the engine, let it reach operating temperature. Check the oil level via iDrive (Vehicle Info > Vehicle Status > Oil Level). Check for leaks.

ezcarfix.com