2019-2023 BMW 3 Series - Change Oil

2019-2023 BMW 3-Series | Moderate | 1 hour | $63 DIY

TOOLS

3/8 Drive Ratchet 17mm Socket 1 1/4 Socket Oil Drain Pan 32mm Socket for Oil Filter Housing Funnel Gloves Safety Glasses Jack Stands

PARTS

Engine Oil (0W-20 BMW Longlife-17 FE+, 6.5 liters) $45.50
Oil filter cartridge element kit (with O-rings) 11428583898 $15.00
Drain Plug Gasket $2.50

STEPS

1. **Prepare the Vehicle - The 2019-2023 M340i (G20, B58 3.0L turbo) takes SAE 0W-20 BMW** Longlife-17 FE+. Capacity: 6.5 liters (~6.9 quarts). You'll need 0W-20 LL-17FE+, a topside cartridge filter (BMW 11428583898 class), a new drain plug washer, and a ~32-34mm so...
2. **Lift and Secure the Vehicle - Raise the M340i and support it with jack stands on level** ground; chock the wheels. The G20's undertray must come off for drain-plug access - but the oil filter is topside under the engine cover, so you only go under for the plug.
3. **Drain the Old Oil - Position the drain pan and remove the drain plug - install a new** washer on reinstall and torque per BMW spec (check the manual). Let the 6.5L drain fully, about 15 minutes.
4. **Replace the Oil Filter (topside) - The M340i's cartridge filter is accessed from the** TOPSIDE: open the hood and remove the engine cover. Use a ~32-34mm socket to remove the filter cap, pull the old cartridge out, and replace the o-rings. Insert the new cartridge and reinsta...
5. **Reinstall the Drain Plug - Reinstall the drain plug with a new washer and torque to BMW** spec. Wipe clean, reinstall the undertray and engine cover, and verify everything is secure.
6. **Add New Oil and Verify via iDrive - Lower to level ground and add 6.5L (~6.9 qt) of 0W-20** LL-17FE+. There is NO DIPSTICK - start the engine, let it reach operating temperature, and check the level via iDrive. Top up if low and check for leaks. Reset the service indicator.

TORQUE

Oil Drain Plug 30 Nm 22 ft-lbs
Oil Filter Housing 25 Nm 18 ft-lbs

ezcarfix.com