

2017-2023 Mercedes-Benz E-Class | Moderate | 1 hour | \$67 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack
Stands Oil Filter Wrench Oil Drain Pan

PARTS

Engine Oil (0W-30 or 0W-40) Mobil 1 0W-40
\$50.00
Oil Filter 2701800109 \$15.00
Drain Plug Washer \$2.00

STEPS

- 1 Prepare (MB 229.5 ONLY, check drivetrain!) - The 2017-2023 Mercedes-Benz E-Class (W213, 2.0L turbo M274 - E300) engine oil change:** use 0W-30 or 0W-40 meeting MB 229.5 spec MANDATORY (not just any 0W-40). You'll need: MB 229.5-approved 0W-40 (buy 8 quarts - you'll use 7.4 RWD or...
- 2 Drain the Old Oil - Remove the underbody panel for access. Position the drain pan under the drain plug.** Remove the drain plug - let the old oil drain completely (expect 7+ quarts - the M274 holds a lot). The E-Class's large sump takes a while to drain. En...
- 3 Replace Cartridge Filter - Remove the cartridge filter housing cap. Replace the filter element (2701800109) and the housing O-rings.** The M274 uses a cartridge (not spin-on) - the element goes in the housing. Lubricate the new O-rings with fresh oil. Reinstall the...
- 4 Reinstall Drain Plug (30 ft-lbs) - Reinstall the drain plug with a new washer. Torque to 30 ft-lbs.** The M274's drain plug needs the full 30 ft-lbs - don't under-torque. Use a torque wrench. The 30 ft-lb spec is higher than many Japanese vehicles.
- 5 Add 7.4 or 6.9 Quarts (check drivetrain!) - Add MB 229.5-approved 0W-40: 7.4 quarts for RWD, 6.9 quarts for 4Matic.** Check your drivetrain BEFORE filling - the 0.5-qt difference matters. Pour through the filler cap. The M274's large capacity means you need almost 2 gallons. Don't u...
- 6 Check Level, Leaks, Reset Service - Start the engine - check for leaks (drain plug, filter housing).** Let it run 30 seconds, shut off, recheck the oil level. Top up if needed. The M274 should idle smoothly. Reset the service indicator via the instrument cluster. Mercedes in...

TORQUE

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