# 1999-2004 Chrysler 300M - Engine Oil and Filter



**1999-2004 Chrysler 300M | Easy | 30-45 minutes | $37 DIY**

**TOOLS**

Floor jack and jack stands or drive-up ramps  Oil drain pan (6-quart capacity minimum)  Box-end wrench or socket for the drain plug  Oil filter wrench  Funnel  Rags or shop towels  Gloves and safety glasses

**PARTS**

5 quarts 10W-30 conventional or synthetic-blend oil (check owner's manual for your climate) $29.00
Oil filter (3.5L V6 300M application) $8.00
Drain plug washer/gasket (if equipped)

## STEPS

1. **Warm up, secure, and vent the engine - Warm the 3.5L for two to three minutes, then shut** it off and let it sit fifteen minutes. Park level, parking brake on, and raise the front. Remove the oil fill cap so the crankcase vents and drains faster.
2. **Position the pan and remove the drain plug - Locate the drain plug and position the pan** slightly forward - the first rush of oil shoots out hard. Loosen with a wrench or socket, then finish by hand, pressing inward so you can pull away when the threads release.
3. **Drain the oil completely - Drain to an occasional drip - about ten minutes on the 3.5L.** Meanwhile, inspect the plug threads and washer for damage, replacing the washer if it looks crushed. Wipe the plug clean so no grit gets into the pan threads.
4. **Remove the old oil filter - Break the spin-on filter loose with a filter wrench and spin** it off by hand, keeping it upright so oil doesn't pour down your arm. Confirm the old gasket came off - a stuck gasket causes the double-gasket blowout.
5. **Install the new oil filter - Wipe the mounting surface clean and oil the new filter's** gasket with your fingertip. Thread the filter on by hand until the gasket contacts the mount, then tighten another three-quarter turn by hand - no wrench needed on a spin-on.
6. **Reinstall the drain plug and lower the car - Start the drain plug by hand to avoid** cross-threading the aluminum pan, then snug it - no over-tightening. Confirm the plug and filter are secure. Lower the car to level ground; the oil level only reads accurately on level pavement.
7. **Refill with fresh oil to the full mark - Pour about four and a half quarts of 10W-30** through a funnel, saving the last half-quart. Wait a minute, then read the dipstick. Top up to the full mark; the 3.5L holds roughly five quarts including the filter.
8. **Start up, check for leaks, and reset the reminder - Reinstall the cap and start the** engine, watching the oil pressure light go out. Idle a minute and check underneath for leaks at the plug and filter. Shut it off, wait two minutes, recheck the dipstick, then reset the reminder.

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