2005-2010 Ford Mustang - Oil and Filter Change

2005-2010 Ford Mustang | Easy | 30-45 minutes | $47 DIY

TOOLS

Drain plug socket Oil filter wrench
Drain pan Funnel Jack stands or ramps
Shop rags

PARTS

Engine oil filter (4.0L V6 or 4.6L V8 application) $9.00
5W-30 (4.0L) or 5W-20 (4.6L) motor oil, 5-6 quarts $31.00
Drain plug washer $7.00

STEPS

1. **Warm up and identify the correct drain plug - Warm the engine, park level, set the** parking brake, and raise the front on jack stands or ramps. Find the engine oil drain plug on the sump - engine pan, not transmission pan. Shut the engine off.
2. **Drain the oil and remove the filter - Set the drain pan and remove the oil drain plug,** letting the 5-6 quart sump empty completely. Remove the spin-on filter on the block's side with a filter wrench. Wipe the mounting boss and verify the old gasket is gone.
3. **Fit the new filter and drain plug - Oil the new filter's gasket and install it hand-tight** plus three-quarter turn. Refit the drain plug carefully by hand, then snug it with a socket. Clean the area so leaks are visible later.
4. **Inspect the drained oil for contamination - As the oil drains, look for metal flakes, a** milky appearance, or a strong fuel smell. Metal means internal wear; milky oil suggests coolant contamination from a head gasket. Catching these early can prevent catastrophic failure.
5. **Refill with the correct oil - Add the specified oil through the valve cover fill: 5** quarts of 5W-30 for the 4.0L V6, 6 quarts of 5W-20 for the 4.6L V8 - the 4.6L's cam phasers depend on the lighter weight. Refit the fill cap.
6. **Verify and finish - Start the engine, confirm the oil light goes out, and inspect for** leaks underneath. Lower the car, recheck the dipstick, and reset the oil life monitor. The job is done when the level is correct and the underside is dry.
7. **Check other fluids and belts - While the oil drains, inspect the serpentine belt for** cracks and check the coolant, power steering, and brake fluid levels. Top up low fluids to the correct specification - this quick check catches problems before they strand you.

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