2003-2008 Infiniti FX35 - Oil and Filter Change

2003-2008 Infiniti FX35 | Easy | 45-60 minutes | $42 DIY

TOOLS

Floor jack Jack stands (pair) Wide oil drain pan (6+ quart) Socket set and ratchet Oil filter wrench or cap wrench Funnel Nitrile gloves Shop rags

PARTS

5W-30 engine oil, about 5 quarts $27.00
Spin-on engine oil filter (OEM Nissan or quality equivalent) $14.00
Drain plug crush washer $1.00

STEPS

1. **Warm the engine and park on level ground - Idle the engine two to three minutes so the** oil warms and drains quickly. Park on a flat, level surface, set the parking brake firmly, and shut the engine off before crawling underneath.
2. **Raise the front and remove the undertray - Jack the front up on a solid subframe point** and lower it onto two jack stands - never work under a jack-only vehicle. Remove the plastic undertray fasteners to reach the drain plug and spin-on filter on the VQ35DE V6.
3. **Position the drain pan and remove the drain plug - Set a pan under the drain plug at the** rear of the oil pan. Loosen the plug with a socket, finish by hand, drain at least ten minutes - hot oil burns, so wear gloves and keep your face clear.
4. **Remove the old oil filter - Find the spin-on filter on the VQ35DE and loosen it** counterclockwise with a filter wrench, pan underneath to catch spilling oil. Confirm the old gasket came off with the filter and isn't stuck to the housing.
5. **Install the new drain plug washer and filter - Fit a new crush washer on the plug, start** it by hand to avoid cross-threading, then snug with a socket - don't over-tighten. Oil the new filter's gasket, thread it on by hand until it seats, then tighten three-quarter turn.
6. **Refill with fresh 5W-30 oil - Remove the filler cap, set a funnel in the neck, and pour** 5W-30. The VQ35DE takes roughly five quarts with a filter change - add four and a half first, check the dipstick, then add the rest. Reinstall the cap.
7. **Start the engine and check for leaks - Start the engine and idle about a minute, watching** the oil-pressure warning light go out. Look underneath for dripping at the drain plug or filter. If you see a leak, shut off immediately and re-check the plug and filter seating.
8. **Verify the oil level and clean up - Shut off, wait two minutes, confirm dipstick reads** between low and high marks. Top off slowly if low - overfilling is as harmful as running low. Pour used oil into a sealed container and recycle it and the old filter.

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