1997-2005 Chevrolet Venture - Engine Oil & Filter

1997-2005 Chevrolet Venture | Moderate | 30-60 minutes | $57 DIY

TOOLS

Floor jack or ramps and rated jack stands if needed Oil-drain pan, funnel, gloves, and eye protection Socket or wrench for the drain plug and oil-filter tool Calibrated torque wrench and shop towels

PARTS

Engine Oil (5W-30) $45.00
Correct engine oil filter and drain-plug washer for 1997-2005 Chevrolet Venture $12.00

STEPS

1. **Confirm oil specification and make the vehicle safe - 3.4L V6: 4.5 US quarts 5W-30.** Filter is a spin-on AC Delco PF47E on the FORWARD side, below the hood latch. Park level, brake set, chock wheels. Confirm the PF47E against your old filter - the 3.4L had mid-run changes.
2. **Warm briefly and protect the work area - Warm 2-3 minutes. Gather drain pan, funnel,** filter wrench, gloves, 4.5 quarts 5W-30. Raise the front on ramps or stands; cardboard underneath. The forward filter is genuinely convenient - you may not even need to raise the van.
3. **Drain the used oil and replace the filter - Pull the plug; drain the sump. Spin off the** old PF47E from the forward side below the hood latch, pan underneath. Confirm the old gasket came off; oil the new gasket, hand-tight plus three-quarter turn. Don’t overtighten - fine-pitch thr...
4. **Install the correct oil quantity - Hand-start the plug, tighten to spec, wipe clean. Pour** 4.5 quarts 5W-30 through a funnel; refit the cap. The filler neck is wide, but add the last half-quart slowly - the 4.5-quart sump fills fast.
5. **Check level, leaks, and service reminder - Start, idle 30-60 seconds; check filter and** plug for leaks. Off, wait a few minutes, confirm the dipstick reads full. Reset the oil-life monitor per your manual. Recycle oil and filter.

TORQUE

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