2002-2007 Buick Rendezvous - Engine Oil & Filter

2002-2007 Buick Rendezvous | 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
13mm socket

PARTS

Engine Oil (5W-30) $45.00
Correct engine oil filter and drain-plug washer for 2002-2007 Buick Rendezvous $12.00

STEPS

1. **Confirm oil specification and make the vehicle safe - 3.4L V6: 4.5 US quarts 5W-30 with a** new filter (2006-2007 3.5L: verify capacity in your manual). Buy 5W-30, spin-on filter (ACDelco PF47 or equivalent), new washer. The 3.4L sits low - use ramps or stands.
2. **Warm briefly and protect the work area - Idle 2-3 minutes, shut off. The spin-on filter** is at the FRONT, low down; the 13mm drain bolt sits on the pan's front directly below it - one pan catches both. Slide the pan in, cardboard beneath, filler cap off.
3. **Drain the used oil and replace the filter - Loosen the 13mm bolt; finish by hand, pushing** inward so it doesn't drop in the pan. Drain to an occasional drip. Refit with a NEW washer at 18 ft-lbs (25 Nm) - use the torque wrench. Spin off the old front filter upright.
4. **Install the correct oil quantity - Pour 4 quarts 5W-30 to start. Wait a minute; add the** final half-quart to reach 4.5. Refit the cap; lower to level. Wipe spills from the engine front so fresh drips stand out.
5. **Check level, leaks, and service reminder - Wait 2-3 minutes; dipstick twice - full mark,** never above. Start, idle 30-60 seconds; oil light out, check the engine front for drips. Off, wait two minutes, confirm. Note date and mileage; recycle oil and filter.

TORQUE

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