2002-2007 Buick Rendezvous - Spark Plug Replacement

2002-2007 Buick Rendezvous | Advanced | 1-3 hours | $115 DIY

TOOLS

Metric/SAE socket set with extensions and swivel Spark-plug socket with rubber insert or magnet Torque wrench covering the plug range Compressed air or a soft brush, dielectric grease, gloves, and eye protection 5/8-inch (16mm) spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2002-2007 Buick Rendezvous; verify engine, heat range, gap, and VIN fitment $115.00

Coil-boot seals or ignition coils only if inspection finds damage $35.00

STEPS

1. **Confirm engine and plug fitment - A good plug is NGK LTR6IX-11 (stock #6509) - buy 6.** This V6 uses a coil pack with plug wires, not coil-on-plug. Scan for P0300-P0306 misfires first.
2. **Cool and expose the plugs - Let the V6 cool completely and disconnect the negative** battery cable. The book method is to tilt the engine forward: remove the intake duct and the front torque strut, attach an engine-tilt strap, and roll the engine forward for rear-bank...
3. **Remove coils and clean wells - With access sorted, pull the plug wires off the rear plugs** first - mark every wire by cylinder before removing, since the coil pack firing order must stay exact. Remove the coil pack if it blocks the wells. Blow or brush every well clean.
4. **Remove the old plugs - Remove each old plug with a 5/8 in spark-plug socket and a 6 in** extension, comparing reach and reading the deposits. Set the gap to your engine’s spec (0.060 in for the 3.4L, 0.040 in for the 3.5L).
5. **Reconnect and verify - Reconnect each wire to its correct coil-pack tower - one at a** time, checking your marks. Release the tilt strap, reinstall the torque strut and intake duct, and reconnect the battery.

TORQUE

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