2000-2005 Buick LeSabre - Spark Plug Replacement

2000-2005 Buick LeSabre | 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 Spark plug wire puller pliers

PARTS

Correct spark plug set for the gasoline/ICE engine in 2000-2005 Buick LeSabre; 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 - You need six. The 3800 fires each plug twice as a** waste-spark engine, which is exactly why the long-life iridium OE plug matters here. Scan for misfire codes first.
2. **Cool and expose the plugs - Let the 3.8L cool completely; the heads are aluminum.** Disconnect the negative battery cable. Note which wire goes to which coil tower before touching anything; a photo with your phone takes ten seconds and saves a misfire headache later.
3. **Remove wires and clean wells - Remove ONE wire at a time, twisting each boot to break it** loose and pulling by the boot, never the wire. With the wires off, blow or vacuum every plug well clean before a plug moves - debris down an open hole scores the cylinder.
4. **Remove and install plugs - Remove each old plug with a 5/8 in spark plug socket, turning** counterclockwise. Verify the 0.060 in gap on every new plug with a wire gauge - even pre-gapped plugs get knocked around in shipping, and the 3800 is sensitive to gap.
5. **Reconnect and verify - Push each wire boot firmly onto its plug and its coil tower until** it seats, double-checking your marks so the routing is exactly as it was - crossed wires on a waste-spark 3800 cause immediate misfires. Reconnect the negative battery cab...

TORQUE

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