2002-2006 Chevrolet Avalanche - Battery Replacement

2002-2006 Chevrolet Avalanche | Easy | 30-90 minutes | $180 DIY

TOOLS

10 mm wrench or socket, ratchet, and short extension Battery terminal brush and electrical-safe cleaner Memory saver only if the vehicle procedure permits it Gloves, eye protection, and a small flashlight 5/16-inch Wrench 13mm Socket

PARTS

Replacement 12-volt battery for 2002-2006 Chevrolet Avalanche; verify group size, CCA, terminal layout, and VIN fitment $180.00 Anti-corrosion terminal protectant or felt washers (optional) $8.00

STEPS

1. **Confirm the Avalanche battery specs and symptoms - The Avalanche uses a BCI Group 78** (about 700-800 CCA) with SIDE-post terminals, mounted on the passenger side. Cables bolt into threaded inserts on the side of the case - a top-post battery won't connect. Verify the side-post layout befo...
2. **Park, make it safe, and save your settings - Park on level ground, set the parking brake,** and switch the ignition off. Wear safety glasses and gloves. A memory saver preserves radio presets and the theft-deterrent relearn - without one, the radio may demand a security code, so have...
3. **Disconnect the side terminals, negative first - Loosen the negative side-terminal bolt,** unthread it, and tuck the cable aside. Repeat for the positive (red) cable. GM side-post bolts strip easily - turn them straight, never at an angle. If a bolt spins without backing out, stop: the i...
4. **Release the hold-down wedge and install the new battery - Remove the hold-down bolt and** wedge, then lift the old Group 78 out. Set the new Group 78 in with the inserts facing the cables, reinstall the hold-down wedge, and confirm the cables reach without strain.
5. **Reconnect side posts, relearn, and verify charging - Thread the positive side-terminal** bolt in by hand first to avoid cross-threading, then snug it - side posts need only modest torque; overtightening strips the lead insert. Repeat for the negative. Start the Avalanche: brisk crank, no bat...

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