2004-2010 Chevrolet Optra - 12V Battery Replacement

2004-2010 Chevrolet Optra | 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

PARTS

Replacement 12-volt battery for 2004-2010 Chevrolet Optra; verify group size, CCA, terminal layout, and VIN fitment $180.00 Anti-corrosion terminal protectant or felt washers (optional) $8.00

STEPS

1. **Confirm battery fitment and symptoms - Confirm fitment: Group 86, driver side of the** engine compartment, SAE top-post terminals under tethered caps (positive red, negative black). Match group size, polarity, and CCA to the old battery's label. Load-test the old battery first.
2. **Make the vehicle safe and preserve settings - Park on level ground, parking brake set,** ignition off, key out. Keep keys away so modules go to sleep. Wear safety glasses and gloves - acid and explosive gas. Radio presets and clock are lost; keep the radio code handy.
3. **Access the battery - Open the hood; the battery is on the driver's side of the engine bay** (the block-heater cord, where fitted, sits behind it). Flip up the tethered red and black terminal caps to access the posts.
4. **Disconnect the old battery - Disconnect NEGATIVE first, then positive - never let a tool** bridge a terminal to the body. Use a small wrench on the terminal bolts and thread them by hand on reinstall. Photograph the cable routing before removing anything.
5. **Remove the old battery - Remove the hold-down clamp and lift the battery out with your** legs - it's heavy (40-60 lbs). Set it on a level surface. Inspect the tray for rust or acid damage and clean corrosion with baking soda and wire brush.
6. **Install the replacement battery - Match the new battery to the old - same group size,** layout, polarity, equal or higher CCA. Set it in the tray, snug the hold-down, connect POSITIVE first, NEGATIVE last. Tighten clamps firmly without over-tightening; coat terminals with...
7. **Reset and verify operation - Reset the clock and radio presets and confirm the charging** warning is off. At idle, charging voltage should read roughly 13.5 to 14.8 volts. If the battery feels hot, leaks, or the fault remains, have the charging system tested.

TORQUE

ezcarfix.com