2000-2005 Buick Park Avenue - 12V Battery

2000-2005 Buick Park Avenue | 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 2000-2005 Buick Park Avenue; 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 right battery and the real symptom - Do not hunt under the rear seat - on** this generation the battery is under the hood. Confirm the failure first: slow cranking, dim lights at idle, or repeated no-starts point to the battery; stalling while driving points to the alternator.
2. **Shut the car down and protect its settings - Park the Park Avenue on level ground, set** the parking brake, switch the ignition off, and remove the key. Wear eye protection and gloves, and keep sparks and open flame away from the battery.
3. **Expose the battery at the right front of the bay - Remove the battery cover or shroud if** fitted. Note which cable runs to which side terminal - positive is on the side left - and photograph the layout. Clear tools and loose hardware from the area so nothing metal can bridge the termina...
4. **Disconnect the old battery, negative first - Remove the negative side-terminal bolt** first, threading it out carefully with the correct socket. Remove the hold-down hardware, then remove the positive side-terminal bolt. Lift the old Group 78 battery straight up and out of the tray.
5. **Set the new side-post battery in and reconnect - Lower the new Group 78 battery into the** tray with the positive terminal on the side left, exactly matching the original. Thread both side-terminal bolts in by hand first to avoid cross-threading the soft lead. Refit the hold-down so the ba...
6. **Restore the car’s settings - Reset the clock, radio presets, and driver memory settings.** The engine may idle unevenly for the first few minutes while the computer relearns - a short mixed drive settles it. Confirm any battery warning light is gone.
7. **Verify charging - Start the Park Avenue - cranking should be strong. With the engine** idling you should see 13.5 to 14.5 volts across the side terminals and no warning lights. Recheck both side bolts for tightness after the first drive.

TORQUE

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