2007-2013 Chevrolet Avalanche | Moderate | 45-75 minutes | $52 DIY

TOOLS

Tire-pressure gauge and air compressor or pump Floor jack, rated jack stands, and wheel chocks Lug wrench and calibrated torque wrench

PARTS

Tire pressure gauge (digital or pencil-type) $12.00
Portable 12V tire inflator with built-in gauge $35.00
Valve-stem caps, set of 4 (only if cracked or missing) $5.00

STEPS

1. **Check all four pressures cold - Check cold (sat at least three hours, or driven under a** mile). Press a gauge squarely on each valve stem and compare to the door-jamb label. Ignore the sidewall maximum - that's a tire limit, not the vehicle spec. Record all four readings.
2. **Inflate or bleed to the door-jamb specification - Bring each tire to the door-jamb** sticker value - add air and check with the gauge; bleed excess by pressing the valve's center pin briefly, then recheck. Refit caps finger-tight to keep dirt and moisture out of the cores.
3. **Rotate the tires in the correct pattern - Loosen lugs a quarter turn on the ground. Chock** wheels, set the brake, jack at factory lift point and support on a stand - never under the jack alone. RWD: forward cross; 4WD: X pattern; directional tires stay on the same side, front to re...
4. **Thread the lug nuts and tighten in a star pattern - Hand-thread every lug nut - if one** binds, back it off and restart. Snug in a star pattern, lower until the tire touches ground, then tighten to the owner's-manual spec, star pattern. Never guess torque or use an impact wrench for the final...
5. **Relearn the TPMS sensor positions - Ignition ON, engine off. Learn mode: fob lock+unlock** or DIC LEARN TIRE PRESSURES until horn sounds twice. (Driver front -> passenger front -> passenger rear -> driver rear): change pressure 8-10 s until horn chirps. Two honks confirm; igni...
6. **Check the spare tire - Lower the spare from under the bed and check its pressure against** the door-jamb sticker. It has no TPMS sensor - mounting it triggers a SERVICE TIRE MONITOR message until the road wheel goes back on. The spare is not part of the rotation.
7. **Test drive and verify - Test drive, covering the learn-mode drive's speeds and time.** Confirm the tire-pressure light stays off, the wheel is centered, and there's no new vibration or pull. Recheck the lugs - they settle after the first heat cycle. Next morning, c...

TORQUE

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