2010-2013 Acura ZDX - Tire Pressure & Rotation

2010-2013 Acura ZDX | Moderate | 45-75 minutes | $42 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 (dial or digital) $12.00
Portable 12-volt tire inflator $30.00

STEPS

1. **Check all four pressures cold against the door-jamb sticker - Work cold - before driving** or after sitting 3+ hours; warm tires read high. The door-jamb sticker lists correct cold pressures front and rear. Cap off each valve, press the gauge squarely on the stem, log all four. Compare to the sticker...
2. **Inflate or bleed each tire to the sticker pressure - Air up low tires in short bursts,** rechecking to avoid overshoot. Bleed high tires via the valve's center pin, then recheck. Match all four to the sticker - not the sidewall maximum. Caps back on finger-tight.
3. **Rotate with the X-pattern for all-wheel drive - Every ZDX is AWD: use the X-pattern -** each tire crosses diagonally. Check sidewalls for a rotation arrow first - directional tires stay on the same side, moving straight front-to-back.
4. **Reinstall each wheel with lug nuts torqued in a star pattern - Break lugs a half-turn on** the ground, then jack the corner onto a rated stand at a lift point; chock the grounded wheels. Hand-thread every lug nut; snug lightly, lower till the tire touches, star-sequence to the manual's torque spec.
5. **Let the TPMS relearn itself on a short drive - The direct TPMS relearns automatically -** no buttons, no tools. Drive at least 40 seconds at 30+ mph; the light goes out. Light still on? Recheck pressures - a persistent light usually means a damaged or dead sensor.
6. **Check the spare under the cargo floor - Spare and jack live under the cargo floor - check** the spare's pressure; confirm the jack and lug wrench are present. A flat spare turns a simple change into a tow.
7. **Test-drive and confirm everything is settled - Drive at least ten minutes with a few** gentle turns. Back: TPMS light off, recheck all four pressures. New vibration? A wheel may not sit flush - pull over and recheck every lug nut in the star sequence.

TORQUE

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