2013-2015 BMW X1 - Tire Pressure & Rotation

2013-2015 BMW X1 | Moderate | 45-75 minutes | $60 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

Digital tire pressure gauge $15.00
Portable 12V tire inflator $45.00
Valve-stem caps (replacement set, if worn or cracked) $5.00

STEPS

1. **Check cold tire pressures against the door-jamb sticker - Check tire pressures cold -** parked at least three hours or driven less than a mile. Gauge each valve stem and match the readings to the Tire and Loading Information sticker on the driver's door jamb, not the maximum molded into the sidew...
2. **Inflate or deflate each tire to its listed pressure - Inflate tires reading below their** sticker pressure and release air from those above it, re-checking with the gauge until each matches exactly. Press the valve caps back on finger-tight, and inspect each tire for cuts, bulges, nails, or une...
3. **Rotate the wheels in the pattern for your drivetrain - Chock the wheels, loosen each lug** nut about half a turn on the ground, and jack one end at a factory lift point onto rated jack stands. RWD: forward-cross (rears straight forward, fronts cross to opposite rear corners). AWD: X-pattern.
4. **Refit the wheels and tighten lug nuts in a star pattern - Hand-start every lug nut to** avoid cross-threading, snug in a star pattern, and lower the car until the tires just touch. Torque to the owner's-manual wheel-lug spec - never guess a value, since a wrong one can warp brake rotors or strip...
5. **Relearn or reset the tire pressure monitoring system - Reset the TPMS after pressures are** corrected or wheels moved - BMW requires it. In iDrive: Menu > Vehicle Info > Vehicle status > Reset, confirm, and drive; the system initializes itself. Without iDrive, hold the TPM button about four se...
6. **Check the spare tire while you have the gauge out - Gauge the spare while it's handy -** unused spares lose air. Inflate it to the door-jamb sticker pressure, or the sidewall pressure on a temporary spare. Make sure the hold-down or winch hardware moves freely so you can actually reach it r...
7. **Test-drive and verify the job - Drive a familiar road and note any new vibration, pull,** or thumping - signs a wheel isn't seated flat on its hub. The TPMS warning should stay off. Once the tires are cold, re-check all four pressures and re-check lug-nut tightness after...

TORQUE

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