2012-2019 Volkswagen Beetle | Moderate | 45-75 minutes | $12 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 12V tire inflator (or use a shop compressor or gas-station air hose) $35.00

STEPS

1. **Check all tire pressures while the tires are cold - Check tires cold - the car must have** sat at least 3 hours or been driven less than a mile. Use only the door-jamb placard, never the sidewall maximum. Gauge each valve stem; front and rear axles may call for different pressures.
2. **Inflate or deflate each tire to the door-jamb specification - Add air to the door-jamb** spec for that axle, rechecking as you go. Bleed overfilled tires by pressing the valve core briefly. Snug the valve caps. If a tire keeps losing pressure, spray soapy water around the tread and valve stem and watch...
3. **Rotate the tires in the rearward-cross pattern for front-wheel drive - Use the** rearward-cross pattern: fronts straight back on the same side, rears cross to the opposite front. Break the lugs loose on the ground, then jack one corner at a time onto a stand and chock the other wheels. Directional tires move fr...
4. **Thread the lug nuts and tighten in a star pattern - Thread lug nuts on by hand first,** then snug in a star pattern. Lower until the tires just touch the ground and tighten to the owner’s manual spec with a calibrated torque wrench, star pattern. Never guess torque. Recheck all lugs after 50...
5. **Reset the indirect TPMS with the SET button in the glove box - The indirect TPMS compares** wheel speeds. With tires at the door-jamb pressures, ignition on (engine off), open the glove box and hold SET until the chime - the lamp goes out and the baseline is stored. A blinking light means a system fau...
6. **Check the spare tire while the wheels are off - Check the spare too. If it’s a full-size** matching spare, check its pressure against the door-jamb sticker - many full-size spares have no TPMS sensor, so a low spare won’t trigger the light; check it manually twice a year. Replace cracke...
7. **Test-drive and verify pressures, handling, and the TPMS light - Test-drive city and** highway: steering straight, no vibration or pulling, TPMS light behaving as in step 5. Next morning, recheck four pressures cold. If the light stays on, recheck every pressure against the placard. A loose wheel or pull...

TORQUE

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