2013-2020 Ford Fusion - Tire Pressure & Rotation

2013-2020 Ford Fusion | Moderate | 45-75 minutes | $10 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 $10.00
Valve-stem caps (pack of 4, only if worn or cracked) $10.00
Portable 12V tire inflator $30.00

STEPS

1. **Check every tire cold against the door-jamb sticker - Pop off each valve cap and press** your tire-pressure gauge squarely onto the valve stem until the hissing stops, then read the PSI. Check all four tires and compare each reading to the driver's door-jamb sticker, which lists the manufacture...
2. **Inflate or bleed each tire to the placard pressure - Add air in short bursts, rechecking** after each until it matches the sticker. Bleed overages with a brief valve-pin press. At each wheel, run hands and eyes over tread and sidewalls for nails, cuts, bulges, uneven wear a rotation won't fix.
3. **Rotate the tires in the rearward cross pattern - Brake set, grounded wheels chocked, lugs** cracked half-turn on the ground. Jack at the manual's lift points onto rated stands - never the jack alone. Move wheels to new corners, hand-starting every nut. Directionals (arrow) or staggered s...
4. **Torque the lug nuts in a star pattern - Tighten the lug nuts in a star sequence with a** calibrated torque wrench to the exact lug-nut torque specification listed in your Fusion owner's manual; never guess the torque, and do not finish the job with an impact gun alone.
5. **Relearn the TPMS sensor positions - The Fusion needs its TPMS told which sensor sits at** which corner after a rotation. First drive above 20 mph for at least two minutes, then park, switch the ignition off, and turn it back to ON with the engine off. Turn the hazard flashers...
6. **Check the spare and do a final walkaround - check its pressure and inflate to the listed** spec. Walk around: all caps on, no tools or jack under the car, stands out, each wheel flush on its hub with all lugs present. Final visual check of each tire.
7. **Test drive and verify everything - Take a 10-15 minute drive on varied roads: TPMS light** off, steering straight, no new vibration or pull, even braking. Pull over and re-check. Next morning cold, gauge-check all four against the sticker to confirm they held.

TORQUE

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