2015-2021 Subaru WRX - Check Engine Light / OBD2

2015-2021 Subaru WRX | Easy | 15-30 minutes | $25 DIY

TOOLS

OBD-II scanner compatible with the vehicle Flashlight Notebook or phone for codes and freeze-frame data Safety glasses

PARTS

OBD2 scanner $25.00

STEPS

1. **Check the lamp, then check the oil - Start the 2015-2021 Subaru WRX and read the** check-engine lamp: steady means diagnose soon, flashing means an active misfire, so ease off and pull over safely. Rough running or overheating means stop, not a continued DIY scan.
2. **Plug the scanner into the OBD port - With the ignition off, locate the 16-pin OBD-II port** under the driver's-side dashboard near the steering column on the 2015-2021 Subaru WRX. Seat the scanner plug firmly, then turn the ignition to ON without starting and confirm communicat...
3. **Scan codes, freeze-frame, and AVCS data - Run a full scan on the 2015-2021 Subaru WRX and** record confirmed, pending, and permanent codes with freeze-frame (RPM, load, coolant temp, speed). The signature faults on the FA20DIT turbo engine are P000A/P000B/P000C/P000D camshaft slow r...
4. **Work from oil outward to the code - For P000A-family codes on the 2015-2021 Subaru WRX,** confirm the oil is full and fresh first, since these codes very often trace to oil supply at the control valves; only then suspect a sticking oil control valve, which is a professional-le...
5. **Clear, drive, and confirm the monitors - After the verified repair on the 2015-2021** Subaru WRX, clear codes with the scanner and drive normally for several days with full warm-up cycles and mixed city and highway miles so the monitors complete. Rescan and confirm no codes return...

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