2017-2024 Alfa Romeo Giulia | 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. **Read the warning before you drive on - Start the 2017-2024 Alfa Romeo Giulia and note the** check-engine behavior: steady means a stored fault to diagnose within days; flashing signals an active misfire, so reduce throttle and pull over safely to protect the catalytic converter....
2. **Hook up the scanner at the OBD port - With the ignition off, find the 16-pin OBD-II port** under the driver's-side dashboard near the steering column on the 2017-2024 Alfa Romeo Giulia, sometimes tucked behind a trim panel. Plug the scanner in straight until it clicks, then swit...
3. **Scan codes, freeze-frame, and boost data - Run a full scan on the 2017-2024 Alfa Romeo** Giulia and log confirmed, pending, and permanent codes with freeze-frame (RPM, load, coolant temp, speed). The repeat offenders on the 2.0L turbo are P0299 (turbo underboost from charge-air leaks...
4. **Chase the likely cause by hand - For P0299 on the 2017-2024 Alfa Romeo Giulia, inspect** every charge-air hose and clamp from the turbo to the intercooler to the throttle body for splits or loose clamps, and listen for a hiss under boost. For P1CEA, tighten the fuel cap, th...
5. **Fix, clear, and verify over a drive cycle - Repair the confirmed fault on the Alfa Romeo** Giulia, then clear codes with the scanner. Rescan and confirm no codes return and the monitors show complete.

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