2017-2024 Alfa Romeo Giulia - Spark Plug

2017-2024 Alfa Romeo Giulia | Advanced | 1-3 hours | $115 DIY

TOOLS

Metric/SAE socket set with extensions and swivel Spark-plug socket with rubber insert or magnet Torque wrench covering the plug range Compressed air or a soft brush, dielectric grease, gloves, and eye protection

PARTS

Correct spark plug set for the gasoline/ICE engine in 2017-2024 Alfa Romeo Giulia; verify engine, heat range, gap, and VIN fitment $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00

STEPS

1. **Confirm engine and plug fitment - The 2.0L GME-T4 uses the NGK ILZKR7G (stock 90219),** pre-gapped to 0.026 in. - roughly a 60,000-mile plug. Confirm the part number against your VIN: the Quadrifoglio V6 and 2.2L diesel use different plugs. Buy four.
2. **Cool and expose the plugs - Let the engine cool. Pull the cover off, exposing the four** coils, then disconnect the battery's negative terminal. The coil connectors have brittle FCA clips: squeeze the release tab and never yank - a snapped clip causes a misfire.
3. **Remove coils and clean wells - Release each coil connector, remove the hold-down bolt,** and pull the coil up. Blow each well out with compressed air BEFORE loosening anything. Inspect coil boots for cracks or carbon tracking - a damaged boot means replacing that coil.
4. **Remove and install plugs - Remove each plug with a 5/8 in. socket on an extension.** Confirm the 0.026 in. gap with a wire-type gauge - never lever against the center electrode. Install dry, no anti-seize; thread in by hand, then tighten to torque spec.
5. **Reconnect and verify - Seat each coil, reinstall the bolts, and reconnect the wiring** clips - listen for the click. Refit the cover and reconnect the battery. Start the engine: smooth idle, no flashing check-engine light. Test drive; a misfire means recheck tha...

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