2010-2024 Nissan Navara - Spark Plug Replacement

2010-2024 Nissan Navara | 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 14mm thin-wall spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2010-2024 Nissan Navara; verify engine, heat range, gap, and VIN fitment NGK DILKAR6A-11 $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00

STEPS

1. **Confirm engine and plug fitment - Confirm the 2.5L QR25DE petrol engine; most Navaras are** diesels this guide doesn't cover. The petrol 2.5L takes four NGK DILKAR6A-11 iridium plugs gapped to 1.1mm, about a 100,000-mile interval. Scan for misfire codes (P0300-P0304) first.
2. **Cool and expose the plugs - Let the 2.5L cool fully; the QR25DE has an aluminum head.** Remove the engine cover to expose the four coils, unclipping the intake duct if it blocks them. Disconnect the negative battery terminal with a 10mm wrench.
3. **Remove coils and clean wells - Unplug each coil and lift it straight up, keeping the** coils in order on a rag. Blow each plug well clean before loosening a plug, and cover each open well with a rag; work one cylinder at a time.
4. **Install the new plugs - Use a 14mm thin-wall socket; match the new plug's thread, reach,** and heat range to the old. Verify the 1.1mm pre-gap with a wire gauge, never prying the iridium tip. Hand-thread each plug, then torque to spec; no anti-seize.
5. **Reconnect and verify - Grease inside each coil boot only, never on the plug. Seat each** coil, snug the 10mm bolts, click every connector home. Refit the duct, cover, and cable; start the engine and confirm a steady idle with no check-engine light.

TORQUE

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