2023-2024 Kia Sportage - Spark Plug Replacement

2023-2024 Kia Sportage | Moderate | 45-90 minutes | $41 DIY

TOOLS

Spark plug socket Ratchet and extensions Torque wrench Gap tool Dielectric grease Gloves 5/8-inch (16mm) spark-plug socket with rubber insert

PARTS

Spark plugs (correct heat range) $35.00
Dielectric grease $6.00

STEPS

1. **Confirm engine and plug fitment - Confirm your 2.5L GDI on the underhood sticker and scan** for misfire codes (P0301-P0304) before ordering parts. The hybrid Sportage uses a different powertrain setup, so confirm the 2.5L GDI badge on the underhood sticker before ordering.
2. **Cool and expose the plugs - Let the 2.5L cool completely. Disconnect the negative battery** cable as a safety step, then label each coil connector so every coil returns to its own cylinder.
3. **Remove the coils - Unplug each coil connector by releasing the locking tab, remove the** hold-down bolt, and pull each coil straight up out of its tube. Inspect each coil boot for cracks or carbon tracking; a damaged boot will keep misfiring even with a brand-...
4. **Install the new plugs - Thread each new plug in by hand until fully seated to protect the** aluminum head threads, then tighten to the factory torque spec with a torque wrench. Never use an impact, and do not apply anti-seize to the coated threads.
5. **Reconnect and verify - Reinstall the coils, tighten the hold-down bolts, and click each** connector back on until the tab locks. Refit the engine cover and reconnect the battery. Start the Sportage and let the 2.5L GDI idle. Road-test and re-scan for misfire codes...

TORQUE

Spark plugs (generic ~13 ft-lbs / 18 Nm - check your vehicle manual) 18 Nm 13 ft-lbs