2016-2020 Kia Optima - Spark Plug Replacement

2016-2020 Kia Optima | Advanced | 60-90 minutes | $56 DIY

TOOLS

3/8-inch ratchet Spark-plug socket (usually 5/8-inch or 14 mm; confirm engine) 6-inch extension and small torque wrench Compressed air or soft brush 10 mm socket for coil fasteners (if equipped) 16mm spark-plug socket with rubber insert

PARTS

Iridium spark plugs for Kia Optima (verify engine and heat range) $48.00
Spark plug boot grease (small tube) $8.00

STEPS

1. **Confirm engine and plug fitment - Confirm your 2016-2020 Kia Optima has the 2.4L Theta II** GDI four-cylinder - the 1.6T and 2.0T take different plugs. The 2.4L takes four NGK SILZKR7B11 Laser Iridium plugs (stock 9723), pre-gapped to 0.044 inches. Scan for misfire codes (...
2. **Cool and expose the plugs - Remove the plastic engine cover to expose the four** coil-on-plug units in a row along the top of the valve cover, and unclip the air intake duct if it overhangs the coils. Disconnect the negative battery terminal with a 10mm wrench.
3. **Remove coils and clean wells - Press the release tab on each coil connector and unplug** it, remove the 10mm coil hold-down bolts, and pull each coil straight up - give each a gentle twist first to break the boot's seal on the plug, since the boots bond with heat over t...
4. **Remove and install plugs - Loosen each old plug with a 5/8-inch (16mm) spark plug socket** and a 6-inch extension, keeping the socket straight in the deep wells, and compare each new NGK SILZKR7B11 to the old plug: same 12mm thread, reach and heat range. The new plugs...
5. **Reconnect and verify - Apply a thin film of dielectric grease inside each coil boot only** - rubber, never the plug - to seal out moisture and ease the next removal. Push each coil firmly onto its plug, torque the 10mm hold-down bolts snug, and reconnect every...

TORQUE

Spark plug (verify engine-specific specification) 24 Nm 18 ft-lbs

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