2004-2006 Scion xB - Spark Plug Replacement

2004-2006 Scion xB | Moderate | 45-60 minutes | $32 DIY

TOOLS

16 mm (5/8 in) spark plug socket Ratchet with extension 10 mm socket Torque wrench Gap gauge

PARTS

4 spark plugs (correct for 2004-2006 Scion xB) $32.00

STEPS

1. **Confirm engine and plug fitment - Confirm the 1.5L 1NZ-FE. The OE plug is Denso SK16R11** (#3324, or NGK IFR5A11) - iridium, pre-gapped at 1.1mm (0.043 in), so never re-gap the fine-wire tips. Buy 4. Scan for P0301-P0304 first: a failing coil-on-plug mimics a dead plug.
2. **Cool and expose the plugs - Let the 1.5L cool and disconnect the negative battery cable.** Lift off the plastic engine cover to expose the four coil packs on the plugs - on the xB, nothing else blocks the coils.
3. **Remove coils and clean wells - Unplug each coil connector, remove the hold-down bolt, and** pull the coil straight up. Blow or brush every plug well clean before loosening a plug - grit here falls into the cylinder. Keep each coil matched to its cylinder.
4. **Remove and install plugs - Pull the plugs with a 5/8 in socket; compare reach and wear.** Hand-start each new one and torque to the manual's spec - no anti-seize on coated threads. Check the 0.043 in gap with a wire gauge; don't adjust it.
5. **Reconnect and verify - Refit the coils, bolts, connectors, cover, and battery cable.** Start the xB and scan for returning misfires - it should idle smoothly and rev freely. Any stumble is a coil connector that didn't click home, not the new Densos.

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