2014-2021 Toyota Tundra - Spark Plug Replacement

2014-2021 Toyota Tundra | Moderate | 45-90 minutes | $41 DIY

TOOLS

Spark plug socket Ratchet and extensions Torque wrench Gap tool Dielectric grease Gloves 16mm spark-plug socket with rubber insert 10mm socket

PARTS

Spark plugs (correct heat range) 90919-01191 $35.00
Dielectric grease $6.00

STEPS

1. **Let the engine cool and gather parts - Let the 5.7L 3UR-FE V8 cool completely and gather** parts: eight Denso Iridium SK20HR11 plugs (Toyota 90919-01191), factory-gapped at 1.0-1.1mm (0.039"-0.043") - verify the gap, don’t adjust it.
2. **Access the ignition coils - Remove the plastic engine covers and the air intake** resonators on both sides to expose the eight coil packs - four per bank along the valve covers. Unplug each coil connector and remove the 10mm hold-down bolt.
3. **Remove one old plug at a time - Pull each coil straight up and blow compressed air into** the well before loosening the plug. Remove one old plug at a time with the 16mm socket, keeping coils and bolts matched to their cylinders.
4. **Gap and install the new plug - Verify the new SK20HR11’s gap is within 1.0-1.1mm and** compare its reach to the old plug. Start each new plug by hand for several threads - it must turn freely - then tighten to Toyota’s spec in the owner’s manual with a torque wrench. Neve...
5. **Reinstall coils and verify idle - Press each coil fully onto its plug, refit the 10mm** bolts, and reconnect every connector until it clicks. Reinstall the intake resonators and engine covers, start the Tundra, and confirm a smooth idle with no check-engine light. Take it fo...

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TORQUE

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