2020-2024 Kia Telluride - Spark Plug Replacement

2020-2024 Kia Telluride | 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 16mm spark-plug socket with rubber insert

PARTS

Correct spark plug set for 2020-2024 Kia Telluride; verify engine, heat range, gap, and VIN fitment NGK SILZKR7E11 $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00
New intake plenum gasket

STEPS

1. **Confirm engine and plug fitment - This guide covers the 2020-2024 Kia Telluride with the** 3.8L Lambda II GDI V6. The specified plug is NGK 92315 (SILZKR7E11) Laser Iridium, pre-gapped to 0.044 in. Buy six. Kia’s service interval for these iridium plugs is about 156,000 km (...
2. **Cool and expose the plugs - Let the 3.8L cool completely. Remove the engine cover.** Disconnect the negative battery cable, then unbolt and lift the plenum, labeling every vacuum line, sensor connector, and hose.
3. **Remove coils and clean wells - Unplug each coil connector, remove the hold-down bolt, and** pull each coil-on-plug unit straight out of its tube. Blow compressed air down every plug well before loosening a plug - the Telluride’s deep wells collect grit that must not fal...
4. **Remove and install plugs - Use a 16 mm spark plug socket on the NGK 92315 plugs (M12 x** 1.25 threads). Crack each plug loose and spin it out by hand. The 0.044 in gap comes preset from NGK - verify it with a wire gauge and do not pry on the fine iridium electrodes....
5. **Reconnect and verify - Reinstall the intake plenum with a new gasket, torque the bolts in** sequence, and reconnect every vacuum line, sensor, and coil connector - a missed hose on the GDI 3.8L sets lean codes immediately. Reconnect the battery, start the Tellur...

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