2013-2021 Infiniti QX60 - Spark Plug Replacement

2013-2021 Infiniti QX60 | 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 2013-2021 Infiniti QX60; verify engine, heat range, gap, and VIN fitment $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00
New plenum gasket and throttle-body gasket

STEPS

1. **Confirm engine and plug fitment - The 2013-2021 QX60 runs the 3.5L VQ35DE, and its plug** is the NGK laser iridium/platinum spec'd for the VQ family (the LFR5AIX-11 iridium IX and PLFR5A-11 laser platinum both cross to this engine; Nissan's OE is the iridium type), pre-gappe...
2. **Cool and expose the plugs - Let the VQ35DE cool completely; you'll have your hands all** over the aluminum intake. Disconnect the negative battery cable. Remove the plastic engine cover.
3. **Remove coils and clean wells - Do the front bank first: squeeze each coil connector tab,** pull it straight off, remove the coil bolt, and lift each coil straight up, keeping them in order. Then unbolt the intake plenum (leave the throttle body attached to it if the harne...
4. **Remove and install plugs - Remove each old plug with a 5/8 in (16 mm) spark plug socket** with a rubber insert, turning counterclockwise. Verify the 0.044 in gap even though the plugs come pre-gapped; never pry on the fine iridium center electrode to adjust it.
5. **Reconnect and verify - Press each coil firmly onto its plug, refit the coil bolts, and** reconnect every connector until the tabs click. Start the QX60, let it idle, and watch for a smooth idle and no check-engine light; then rescan for misfire codes after a prope...

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