2016-2022 Lexus RX - Spark Plug Replacement

2016-2022 Lexus RX | Advanced | 3-5 hours (rear bank requires intake plenum removal) | $115 DIY

TOOLS

5/8-inch spark plug socket 3/8-inch ratchet 6-inch extension wobble extension 10mm socket 5mm Allen key spark plug gap/feeler gauge compressed air masking tape and marker for labeling hoses clean rags

PARTS

Correct spark plug set for 2016-2022 Lexus RX; verify engine, heat range, gap, and VIN fitment $115.00

Coil-boot seals or ignition coils only if inspection finds damage $35.00

New surge-tank-to-manifold and throttle-body gaskets

STEPS

1. **Know your V6: front bank easy, rear bank buried - The RX 350 in this range uses the 3.5L** 2GR-FKS V6 with both port and direct injection - six iridium plugs, and Lexus calls for them around every 60,000 miles. The catch is layout: the front bank is easy, but the rear bank hides under the...
2. **Strip the beauty cover and do the front bank first - Remove the plastic beauty cover over** the front bank - it is held by a few 5mm Allen bolts at the front edge and a threaded center emblem you turn counterclockwise. With the cover off, the three front coils are staring at you.
3. **Swap the three accessible front plugs - With a 5/8-inch spark plug socket and a 6-inch** extension, remove the three front plugs by hand once broken loose, and install the three new ones: check the gap with a feeler gauge against your owner's manual or the under-hood emissions sti...
4. **Lift the intake plenum to expose the rear bank - Now the real work: the intake plenum.** Disconnect the air intake duct, the throttle body connector and coolant hoses, the PCV and EVAP vacuum hoses, and any wiring clipped to the plenum - label every hose and connector with tape as you go...
5. **Reach the rear bank against the firewall - With the plenum off, the three rear coils are** finally accessible against the firewall. Disconnect each coil connector carefully (heat-aged tabs crumble; press, do not pry), remove the 10mm coil bolts, and pull the coils.
6. **Read the old plugs and double-check the new ones - Confirm every new plug's gap with a** feeler gauge per the manual or emissions sticker; do not assume the box is right. Many modern iridium plugs are pre-coated at the factory, so follow the plug manufacturer's guidance on anti-seize rather...
7. **Reseal the plenum - Pull the rags from the intake runners - count them, all six. Set the** plenum down on its new gaskets, tighten the perimeter bolts evenly in a crisscross pattern until snug, and reconnect every hose, sensor, and the throttle body exactly a...

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