2004-2009 Nissan Quest - Spark Plug Replacement

2004-2009 Nissan Quest | Advanced | 4-5 hours | $115 DIY

TOOLS

3/8-in ratchet with 6-in and 10-in extensions Spark plug socket (thin-wall; confirm size against new plugs) 10mm and 12mm sockets for intake and throttle-body hardware Wire-type spark plug gap gauge Clean rags to plug intake runners Compressed air or brush for plug wells Masking tape and marker for labeling hoses

PARTS

Correct spark plug set for the gasoline/ICE engine in 2004-2009 Nissan Quest; verify engine, heat range, gap, and VIN fitment $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00
Upper intake manifold gaskets

STEPS

1. **Understand the transverse VQ35DE layout - Every Quest from 2004 to 2009 uses the same** transversely mounted 3.5-liter VQ35DE V6, and the transverse layout is what makes this job long: the three front-bank plugs are wide open, but the three rear-bank plugs sit directly under the upp...
2. **Service the easy front bank first - The front bank needs no intake work: unplug the three** coil connectors, remove each coil's single bolt, and pull the coils out.
3. **Remove the upper intake collector - Remove the engine cover, air intake ducting, and** throttle-body ductwork. Disconnect the vacuum hoses and sensors from the upper intake - most are 10mm fittings - and label everything with tape. Unbolt the throttle body (four bolts) and...
4. **Expose and pull the rear-bank coils - With the collector out of the way, the three rear** coils and plugs are finally exposed. Unplug each coil connector, remove the coil bolts, and pull the coils straight up.
5. **Swap all six plugs and verify gaps - Blow debris out of every plug well, then remove all** six plugs with a spark plug socket and long extensions. Read the old plugs as you go: the rear bank tends to run slightly hotter, so compare front to rear. Check the gap on each new plug...
6. **Seat the plugs and refit the intake - Thread each new plug in by hand until fully** engaged, then snug it an additional quarter to half turn to seat the washer - never heave on the ratchet with aluminum heads. Seat the coils, snug their bolts, and reconnect every connector.
7. **Reassemble, restart, and check for leaks - Reconnect the throttle body, EGR pipe, vacuum** hoses, sensors, and intake ducting using your labels, then refit the engine cover. Reconnect the battery and start the engine. Let it idle for a few minutes while you watch for a check-engine l...

TORQUE

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