2009-2016 Hyundai Genesis - Spark Plug Replacement

2009-2016 Hyundai Genesis | 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 5/8-inch (16mm) spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2009-2016 Hyundai Genesis; verify engine, heat range, gap, and VIN fitment $115.00

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

STEPS

1. **Confirm engine and plug fitment - Confirm your Genesis engine before ordering: the 3.8L** Lambda V6 uses the NGK 93135 (DILKR7A11) laser iridium plug, pre-gapped at 0.044 - buy six and don’t re-gap them. The 4.6L and 5.0L V8 models use different plugs. Scan for misfire...
2. **Cool and expose the plugs - Let the 3.8L cool completely - the aluminum heads strip** easily when hot. Remove the Genesis’s plastic engine cover and the intake ducting/airbox assembly to expose the six coil-on-plug units, three per valve cover. Each coil is held by a...
3. **Remove coils and clean wells - Remove each coil’s bolt and lift it. Blow or brush debris** out of every well before loosening a plug. Inspect every boot for cracks, oil, or tracking marks; a cracked boot arcs to valve cover and sets the same misfire code as a worn plug.
4. **Remove and install plugs - Remove each old plug with a 5/8" spark-plug socket and compare** its deposits and electrode wear to the new NGK 93135; even wear across all six is normal, while one oil-fouled plug points at that cylinder’s valve-cover tube seal. Start every...
5. **Reconnect and verify - Seat each coil fully onto its plug, reinstall its bolt, and** reconnect every coil connector until it clicks. Refit the intake ducting, airbox, and engine cover exactly as photographed - a forgotten vacuum hose sets lean codes immediately....

TORQUE

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