2013-2018 Hyundai Santa Fe - Spark Plug Replacement

2013-2018 Hyundai Santa Fe | 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 2013-2018 Hyundai Santa Fe; verify engine, heat range, gap, and VIN fitment $115.00
Coil-boot seals or ignition coils only if inspection finds damage $35.00
New intake-plenum and throttle-body gaskets

STEPS

1. **Confirm engine and plug fitment - This guide covers the 2013-2018 Hyundai Santa Fe with** the 3.3-liter Lambda GDI V6, which takes six plugs. The OE plug is the NGK SILZKR7B11 Laser Iridium (NGK stock 9723), gapped at 1.1 mm (0.043 in.). The 2.4L GDI four-cylinder uses thi...
2. **Cool and expose the plugs - Let the engine cool fully - the aluminum heads must be cold** before plugs come out. Disconnect the battery's negative terminal and remove the plastic engine cover. Remove the intake ducting, throttle body, and upper plenum, labeling every...
3. **Remove coils and clean wells - Blow every plug well out with compressed air BEFORE** loosening a plug; years of debris collect under the plenum. Inspect each coil boot for cracks, swelling, or carbon tracking; GDI cylinder pressures punish weak boots, and a bad boot cause...
4. **Remove and install plugs - Using a 16 mm (5/8 in.) spark plug socket with an extension,** remove each old plug and compare it to the new NGK SILZKR7B11. Confirm the 1.1 mm (0.043 in.) gap with a wire gauge - never lever against the fragile iridium tip to adjust it....
5. **Reconnect and verify - Reinstall the coils and reconnect every clip, then refit the upper** plenum with the NEW gaskets, followed by the throttle body and ducting - double-check every vacuum hose and connector is back where it came from, since a missed hose sets...

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