2007-2012 Hyundai Santa Fe - Spark Plug Replacement

2007-2012 Hyundai Santa Fe | Advanced | 2-3 hours | $60 DIY

TOOLS

Ratchet, extensions, and metric sockets 5/8-inch spark plug socket Torque wrench Flathead screwdriver and pliers Clean rags Gloves and safety glasses

PARTS

6 spark plugs for 2007-2012 Hyundai Santa Fe V6 (check owner's manual for correct type) $60.00
Upper intake plenum gasket set for 2007-2012 Hyundai Santa Fe V6

STEPS

1. **Disconnect the battery and remove the engine cover - With the engine fully cool,** disconnect the negative battery terminal to protect the ignition system electronics while you work. Remove the plastic engine cover by pulling it up off its mounting grommets to expose the intake manifold and th...
2. **Replace the three front spark plugs - Disconnect the electrical connector from each front** ignition coil, remove the coil hold-down bolt, and pull the coil straight up off the plug. Loosen each front spark plug with a spark plug socket and extension, then thread the new plug in...
3. **Remove the upper intake plenum - Label and disconnect the vacuum hoses, PCV hose,** throttle body connector, and any sensors attached to the upper intake plenum, then remove the plenum mounting bolts around its perimeter. Lift the plenum straight up and set it aside on a cl...
4. **Replace the three rear spark plugs - Remove each rear ignition coil the same way as the** fronts, then extract the old rear spark plugs with the spark plug socket. Inspect the old plugs for oil fouling or abnormal wear, which can signal valve cover gasket leaks on these V6s. Th...
5. **Reinstall the intake plenum with new gaskets - Remove the rags from the intake openings,** fit new plenum gaskets into their grooves, and lower the upper intake plenum back into place. Thread all plenum bolts in by hand first, then tighten them in a crisscross pattern so the plenum seats...
6. **Reconnect the battery and test - Reinstall the engine cover, reconnect the negative** battery terminal, and start the engine, letting it idle while you listen for vacuum leaks (hissing) and watch for a check-engine light. Take a short test drive to confirm smooth accelerati...

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