1998-2011 Chevrolet Astra - Spark Plug Replacement

1998-2011 Chevrolet Astra | Moderate | 45-60 minutes | $12 DIY

TOOLS

Spark-plug socket Extension and ratchet
Feeler gauge Rags Gloves

PARTS

Spark plugs (4, correct heat range for 2.0L 8V) $12.00

STEPS

1. **Cool the engine and prepare - Let the Astra’s engine cool completely - removing plugs** from a hot aluminum head can damage the threads. Disconnect the negative battery terminal. Gather a spark-plug socket, extension, ratchet, and the correct plugs for the 2.0L 8V engi...
2. **Remove the plug wires in order - The four spark-plug wires run from the coil pack to the** top of the valve cover. Grasp each wire by its boot - never yank the cable itself - twist gently, and pull it off the plug.
3. **Extract the old spark plugs - Blow any grit away from the plug wells with compressed air** or a rag. Fit the spark-plug socket with an extension into each well and loosen the plug. Inspect the old plugs for oil fouling or worn electrodes.
4. **Gap and install the new plugs - Check the gap on each new plug with a feeler gauge** against the specification for the 2.0L. Thread each plug in by hand using just the extension until it seats. Snug with the ratchet, but do not overtighten the aluminum head.
5. **Reinstall the wires and test - Push each plug wire boot firmly back onto its plug until** it clicks, following your 1-4 labels. Reconnect the battery, start the engine, and confirm a smooth idle with no misfire.
6. **Inspect the plug wires - Before reinstalling the wires, bend each one gently and look for** cracks in the insulation. Check that the metal terminals inside the boots are not corroded green. The 2.0L’s wires live in a hot environment.

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