2018-2024 Hyundai Kona - Spark Plug Replacement

2018-2024 Hyundai Kona | Advanced | 45 minutes to 1 hour - the cover and coils come off easily on all Kona e

TOOLS

5/8-inch (16mm) spark plug socket with rubber insert 3/8-inch ratchet with 6-inch extension 10mm socket for coil retaining bolts Wrench for battery terminal Wire-type or feeler spark plug gap gauge Compressed air or shop vacuum Magnetic pickup tool Gloves and safety glasses

PARTS

Correct spark plug set for the gasoline/ICE engine in 2018-2024 Hyundai Kona; 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. **Identify which Kona engine you have and cool it down - The 2018-2024 Kona's engines (2.0L** Nu, 1.6L Gamma turbo, Smartstream 2.0L/1.6T, Kona N 2.0T) all use coil-on-plug, so the procedure is the same. Let the engine cool; disconnect the negative battery cable and tuck it aside.
2. **Pop the plastic engine cover off its grommets - Grip the engine cover and pull straight** up - friction-fit rubber grommets, no bolts. The four ignition coils sit along the valve cover. On the 1.6T turbo, intake and intercooler plumbing routes over the valve cover, so work the rearmost...
3. **Unplug and lift the four coil packs in order - Work one cylinder at a time. Squeeze the** release tab, pull the connector free, remove the single 10mm bolt, and lift the coil out. Inspect boots for cracks, white carbon tracking, or oil.
4. **Blow out the plug wells and remove the old plugs - Blast compressed air into each plug** well first; grit drops into the cylinder. Use a 5/8-inch (16mm) plug socket with rubber insert, 3/8-inch ratchet, 6-inch extension. Loosen each plug counterclockwise, spin it out. On 60,000-mile plugs, w...
5. **Check the gap against the manual and thread the new plugs by hand - Check the gap spec in** the owner's manual or underhood emissions sticker, not a parts listing. Check each plug with a wire-type or feeler gauge; never force the gauge against a fine-wire iridium electrode. Thread each plug in by hand for se...
6. **Seat the plugs and reinstall the coil packs - Once finger-tight, give each plug another** 1/4 to 1/2 turn with the socket until the washer gasket seats firmly against the head - that is the full seating process. Do not overdo it: the cylinder head is aluminum and overtightened plugs s...
7. **Refit the engine cover, reconnect the battery, and verify - Press the engine cover until** all four posts seat. Reconnect the negative battery cable, start the engine, and check a smooth idle with no check-engine light. A misfire or P0301-P0304 means a coil connector isn't clicked home - shut off...

TORQUE

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