2017-2022 Honda CR-V - Spark Plug Replacement

2017-2022 Honda CR-V | Moderate | 1-2 hours | $41 DIY

TOOLS

14mm thin-wall spark plug socket with rubber insert 3/8-inch ratchet 6-inch extension 10mm socket for coil bolts gap gauge / feeler gauges dielectric grease compressed air or canned air duster

PARTS

Spark plugs (correct heat range) $35.00
Dielectric grease $6.00

STEPS

1. **Confirm you have the 1.5L turbo - the only engine in this range - The four plugs live** deep in the head under individual coil packs, beneath the plastic engine cover. Buy four iridium plugs specified for the 1.5T; check the gap value on the under-hood emissions sticker or owner's manual first - never gu...
2. **Cool down and remove the engine cover - Beneath it are the four coil packs in a row, each** with a gray electrical connector and a single 10mm hold-down bolt. Note how the wiring harness is routed over the coils so you can put it back exactly as it was.
3. **Unplug and lift the four coil packs - Blow compressed air around the base of each coil** before touching it - the recessed plug wells collect grit that would otherwise fall into the cylinder. Squeeze the connector release tab and unplug each coil, remove the 10mm hold-down bol...
4. **Back out the old plugs from the deep head - These plugs use the smaller M12 thread, so** use a 14mm thin-wall spark plug socket with a rubber insert on a 6-inch extension - a standard 5/8-inch socket will not fit down the well. Back each plug out slowly with a 3/8-inch ratchet; owne...
5. **Inspect the old plugs, then gap-check the new ones - Check each new plug's gap with a** wire-type gauge against the value on the emissions sticker or in the owner's manual, and adjust only if the plug manufacturer says the design is adjustable - the iridium fine-wire electrodes are delicate.
6. **Hand-start each plug and seat it with a light touch - Once finger-tight, give the seating** turn shown on the plug box, about a quarter to a half turn past finger-tight for washer-seat plugs, and stop.
7. **Reinstall coils and cover, then confirm smooth idle - Press each coil firmly down until** the boot seats on the plug, reinstall the 10mm hold-down bolts, and reconnect each connector until the tab clicks. Lay the harness back in its original routing and press the engine cover onto its grommets....

TORQUE

Spark plugs (generic ~13 ft-lbs / 18 Nm - check your vehicle manual) 18 Nm 13 ft-lbs

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