

2010-2017 Chevrolet Equinox | Easy | 30-45 minutes

TOOLS

5/8-inch (16 mm) spark plug socket
3/8-inch ratchet and extension set Small
socket for the coil hold-down bolts Spark
plug gap gauge (to verify, not adjust,
pre-gapped plugs) Compressed air or clean
shop towels Dielectric grease

PARTS

ACDelco 41-108 Iridium Spark Plugs (set of
4) 41-108 \$46.00
Permatex 22058 Dielectric Tune-Up Grease
22058 \$6.00

STEPS

- 1 Work on a cold engine - Let the engine cool completely before you touch anything.** Pulling plugs out of a hot aluminum cylinder head risks stripping the threads, and the exhaust-side hardware stays hot enough to burn you for a long time after shutdown.
- 2 Remove the engine cover - The 2.4L Ecotec wears a plastic sight shield over the top of the valve cover.** Pull it straight up off its mounting studs and set it aside. You will see four ignition coils, one per cylinder.
- 3 Disconnect the four coil connectors - Each ignition coil has its own electrical connector with a locking tab.** Squeeze the release tab on all four connectors and pull them straight off the coils.
- 4 Remove the coil hold-down bolts - Each coil is held by a single small hold-down bolt.** Remove all four bolts and keep them where they will not roll away.
- 5 Pull the ignition coils - Grip each ignition coil and pull it straight up out of its plug well.** Twist gently if one resists; do not yank sideways. Lay them aside in order.
- 6 Blow out the plug wells - Use compressed air or a clean shop towel to clear dirt and debris out of each spark plug well BEFORE you loosen the plugs.** Debris that drops into an open cylinder will damage the engine.
- 7 Remove the old spark plugs - Using a 5/8-inch (16 mm) spark plug socket on a ratchet with an extension,** loosen and remove the four old plugs. Note which cylinders show heavy black fouling; on the oil-burning 2.4L that points to oil consumption, not a bad plug design.
- 8 Check the new plugs - Confirm the new plugs are ACDelco 41-108 (GM 12620540) iridium,** four of them. They ship pre-gapped at 0.035 in (0.9 mm) with a note not to change the gap. Verify with a gauge if you like, but do not adjust iridium plugs.
- 9 Install the new plugs - Thread each new plug in by hand several turns to make sure it is not cross-threading,** then seat it with the ratchet. No factory torque figure for this engine could be verified, so no torque number is published here; seat each plug firmly w...
- 10 Reinstall the coils and engine cover - Smear a thin film of dielectric grease inside each coil boot,** press the coils back down onto the plugs, reinstall the four hold-down bolts, reconnect each electrical connector until its tab clicks, and press the engine cover back onto its...