2013-2022 Buick Encore - Spark Plug Replacement

2013-2022 Buick Encore | Advanced | 30-60 minutes | $115 DIY

TOOLS

T-30 Torx bit and ratchet 5/8-inch (16 mm) spark plug socket Feeler or wire-type gauge (verify only - do not re-gap iridium) Dielectric grease Compressed air or a blow gun Spare coil boot kit (recommended - boots can tear) OBD-II code reader (optional, for misfire codes)

PARTS

Correct spark plug set for the gasoline/ICE engine in 2013-2022 Buick Encore; 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. **Prep - one engine, one coil rail - Park on level ground and let the engine cool fully.** The 2013-2022 Encore (first generation, not the Encore GX) uses one engine in the US: the 1.4-liter turbocharged four-cylinder (LUJ/LUV on 2013-2016 models, LE2 on 2017-2022).
2. **Lift off the engine cover - Pull the plastic engine cover straight up off its posts -** there are no fasteners. This exposes the long black coil rail running across the top of the valve cover.
3. **Disconnect the battery - Loosen the negative battery cable clamp with a 10mm wrench, lift** the cable off the post, and tuck it aside so it cannot spring back onto the terminal. You will lose radio presets and the clock, and the transmission may shift differently du...
4. **Release the connector and lift the coil rail - Remove the two T-30 Torx screws holding** the rail down. Now pull the entire rail straight up with an even, steady motion - do not pry one end up first or you will rip the rubber boots off.
5. **Remove plugs - do not re-gap iridium - Blow any dirt out of the exposed plug wells with** compressed air. The plug holes are shallow, so a standard 5/8-inch (16 mm) spark plug socket usually reaches without an extension. Turn counterclockwise to remove the old plugs. These engine...
6. **Install the plugs - Thread each new plug in by hand several full turns before touching a** ratchet to protect the aluminum threads. Once seated, tighten about a half-turn past finger-tight for a new washer-seat plug, following the plug maker’s instructions -...
7. **Reseat the coil rail - Lower the coil rail straight down so all four boots land squarely** on the plugs, then press firmly and evenly until it is fully seated. Press the engine cover back down onto its posts.
8. **Start up and watch for misfires - Reconnect the battery, start the engine, and let it** idle - it should be smooth. Take a short drive; a flashing check-engine light or a stumble means a boot is not seated or a connector is loose.

ezcarfix.com