2019-2024 Cadillac XT4 - Spark Plug Replacement

2019-2024 Cadillac XT4 | Advanced | 1-1.5 hours | $115 DIY

TOOLS

5/8-inch (16mm) spark plug socket
3/8-inch ratchet 6-inch extension 10mm socket spark plug gap/feeler gauge
compressed air or shop vacuum dielectric grease nitrile gloves

PARTS

Correct spark plug set for 2019-2024 Cadillac XT4; 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. **Park, cool the LSY, and kill power - Every XT4 in this range runs the same 2.0L LSY turbo** four - 235 hp and 258 lb-ft, the engine that actually debuted in the 2019 XT4 - with an aluminum cylinder head and the turbo hanging off the exhaust side. Park on flat pavement, set...
2. **Pull the engine cover off the LSY turbo - The plastic beauty cover on the LSY sits on** rubber grommets with the oil filler neck passing through it. Lift the front edge straight up to pop the front clips, then the rear edge, and lift the cover up and off the filler neck.
3. **Unplug and lift the four pencil coils - Each coil is held by a single 10mm bolt. Squeeze** the locking tab on the coil connector and slide it straight back off the coil - the plastic tabs get brittle with heat cycles, so do not pry them.
4. **Clear the wells and read the old plugs - The plugs sit several inches down their tubes,** where grit collects. Use a 5/8-inch (16mm) spark plug socket on a 6-inch extension to break each plug loose, then finish by hand.
5. **Verify the gap from your manual, not the box - Do not trust the box - check every new** plug's gap with a feeler gauge against the specification in your owner's manual or the emissions sticker under the hood. If a plug needs adjusting, use a proper gapping tool on the ground strap only...
6. **Hand-start each plug into the aluminum head - Thread each plug into the aluminum head by** hand using only the extension, turning until it spins freely all the way down. Once finger-tight, tighten just until the washer seats, then add roughly a quarter to a half turn - snug, never hea...
7. **Seat the coils and reconnect - A thin smear of dielectric grease inside each coil boot** helps future removal and keeps moisture out. Push each coil straight down until it seats fully on the plug, reinstall the 10mm bolts snug, and reconnect each harness connector until i...

ezcarfix.com