2019-2024 Infiniti QX50 - Battery Replacement

2019-2024 Infiniti QX50 | Easy | 15-20 minutes | $140 DIY

TOOLS

10mm wrench or socket with ratchet Wire brush or battery terminal cleaner Dielectric grease or terminal protection spray Safety glasses Gloves Clean shop rag

PARTS

Correct group-size battery $140.00
Terminal cleaner $8.00
Terminal protectant $7.00

STEPS

1. **Park, power down, and locate the battery - Park on level ground, shift into Park, set the** parking brake, and switch the ignition fully off. Pop the hood. On the second-generation QX50 (2019-2024), the 12-volt battery sits under the hood in the engine bay - not hidden in the cab...
2. **Disconnect the negative terminal first - Using a 10mm wrench or socket, loosen the nut on** the black negative (-) cable clamp and wiggle the clamp straight up off the post. Tuck the cable aside so it cannot spring back onto the terminal. Always break the negative connection firs...
3. **Disconnect the positive terminal - Flip open the red protective cover on the positive** terminal and loosen its 10mm nut the same way. If a clamp is stuck, twist it side to side gently - never pry with a screwdriver, which can crack the battery case or damage the post.
4. **Remove the hold-down bracket and lift out the battery - Unbolt the bracket and set it and** its bolts somewhere they cannot roll away. Grip the battery from the bottom and lift it straight up out of the tray, keeping it level the whole way.
5. **Clean the tray, terminals, and clamps - Scrub any white or green crust off the cable** clamps and wipe down the battery tray with a rag. A wire brush or dedicated terminal cleaner restores bright metal, and clean clamps run cooler and start the car more reliably.
6. **Reconnect the cables - Connect the red positive cable first and tighten its 10mm nut** snugly, then connect the black negative cable last - the exact reverse of the removal order.
7. **Test the start and check for resets - Start the engine and confirm it cranks briskly.** Check the clock, radio presets, and power accessories - some of these may have reset during the power cut.

TORQUE

Battery hold-down 11 Nm 8 ft-lbs

ezcarfix.com