2018-2024 BMW X2 - Battery Replacement

2018-2024 BMW X2 | Moderate | 45-60 minutes | $140 DIY

TOOLS

10mm wrench or socket 13mm socket Ratchet with extension Trim pry tool Safety glasses Nitrile gloves Battery terminal brush Terminal protectant spray BMW-compatible scan tool for battery registration

PARTS

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

STEPS

1. **Power down - the X2's battery hides under the cowl covers - Put on safety glasses and** gloves. Getting to it means removing trim, so budget a full hour and gather a 10mm wrench, 13mm socket with extension, a trim pry tool, a terminal brush, and your scan tool for battery registration at the end.
2. **Remove the rubber seal and cowl trim to expose the battery - Start by pulling up the** rubber weather seal that runs along the back of the engine bay, then release the clips and fasteners holding the cowl trim pieces. Lift the cowl covers away to expose the battery sitting in its tray behind the engin...
3. **Disconnect the terminals, negative first - With the battery exposed, loosen the negative** (black, minus) terminal nut with the 10mm wrench and wiggle the cable end off the post, tucking it aside where it cannot spring back. Then disconnect the positive (red, plus) cable, which may s...
4. **Unbolt the hold-down and lift the battery out of the bay - Unbolt the hold-down clamp or** wedge block at the base of the battery - usually a 13mm bolt reached with an extension. Pull the vent tube elbow off the side of the battery if one is fitted. Lift the old battery straight up and out of the...
5. **Set the new battery in and refit the hold-down - Verify the new battery matches the old** one exactly: same footprint and height, same terminal positions and polarity, same type. Lower it into the tray in the same orientation. Refit the hold-down clamp or wedge block and tighten its bolt u...
6. **Reconnect positive first and negative last - Clean the cable ends with the terminal brush** until they shine, then reconnect in reverse order: positive first, negative last. Tighten each 10mm nut until the cable end is snug and will not twist on the post by hand.
7. **Register the new battery with a scan tool - The X2 needs the new battery registered to** the car's computer with a diagnostic scan tool so it charges correctly; check your owner's manual or have a dealer or BMW specialist do it.

TORQUE

Battery hold-down 11 Nm 8 ft-lbs

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