2019-2024 BMW X5 - Replace Battery

2019-2024 BMW X5 | Moderate | 2-3 hours | $310 DIY

TOOLS

10mm Socket 13mm Socket Flathead Screwdriver Phillips Head Screwdriver Torque Wrench Battery Terminal Cleaner Safety Glasses Gloves Memory Saver Device BMW Battery Registration Tool Trim Removal Tool

PARTS

BMW 12V AGM Battery 61212353812 $300.00
Battery Terminal Cleaner $10.00

STEPS

1. **Prepare (trunk battery, ISTA!) - The 2019-2024 X5 xDrive40i (G05) battery is AGM 90 Ah** (to 06/2019) / 92 Ah (from 06/2019); aftermarket H8/49. Location: TRUNK (cargo floor, under a pop-rivet cover). You'll need the new AGM, trim tools, 10mm/13mm sockets, and ISTA or Bim...
2. **Access the Trunk Battery - Open the trunk and remove the cargo floor cover - the battery** is underneath, under a pop-rivet cover (use trim tools). Disconnect NEGATIVE first, then positive. Note the Ah rating (90 vs 92) - match it.
3. **Replace the AGM (match Ah!) - Remove the hold-down and lift the old AGM out. Verify your** build date: 90 Ah (to 06/2019) or 92 Ah (from 06/2019); aftermarket H8/49. Set the new AGM in the trunk well and secure the hold-down.
4. **Reconnect, Reinstall Covers - Reconnect POSITIVE first, then negative, and make sure both** are tight - the trunk location makes a loose terminal harder to spot. Reinstall the pop-rivet cover and cargo floor.
5. **Register with ISTA/BimmerLink! - REGISTER THE BATTERY - MANDATORY. Use ISTA or the** BimmerLink app. Coding is only needed if you're CHANGING the spec (e.g., 90 Ah to 92 Ah); keeping the same spec needs registration only, not coding.
6. **Verify Registration, Done - Start the engine and verify no battery or charging warnings.** If warnings appear, the registration didn't take - redo it.

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