2016-2022 BMW 7 Series - Replace Battery

2016-2022 BMW 7 Series | Moderate | 1-2 hours | $269 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Battery Terminal Cleaner Gloves Safety Glasses Multimeter Battery Terminal Protector Flashlight Battery Terminal Cleaner Brush

PARTS

Automotive Battery (Group Size H8) 10210828 $259.99
Battery Terminal Protector Spray $8.99

STEPS

1. **Prepare the vehicle - The 2016-2022 BMW 7 Series (G11/G12) has its battery in the** TRUNK/luggage compartment - beneath the floor panel or spare wheel area. NOT under the hood (jump terminals are under the hood for emergencies). You'll need: AGM battery, 95Ah...
2. **Disconnect negative first - Always disconnect the NEGATIVE terminal first (black, minus).** Use a 10mm wrench. The 7 Series has extensive electronics; ensure the car is fully asleep (no lights, screens off) before disconnecting to avoid module errors. Tuck the negative...
3. **Remove the hold-down - Remove the battery hold-down. In the 7 Series trunk, this is** typically a robust clamp system due to the battery's size and weight. Keep all hardware. Note the battery's exact specs from the label: Ah rating (95, 100, or 105), type (AGM), a...
4. **Lift out the old battery - The 95-105Ah AGM is extremely heavy (70+ lbs) - get help.** Place on a flat surface. Verify your replacement: AGM, 95-105Ah, H8/H9 class. Do not install a smaller battery - the 7 Series' electrical demands require the full capacity.
5. **Clean the tray and terminals - Clean the trunk battery compartment thoroughly. Check for** moisture - the 7 Series trunk should be dry. Clean the terminals with a wire brush. Check the vent tube (the 7 Series battery must be vented).
6. **Install the new battery - Place the new 95-105Ah AGM battery in the trunk compartment,** matching the original orientation exactly. Reconnect the vent tube. Reinstall the hold-down system and tighten securely - this heavy battery must not move.
7. **Reconnect positive first - Reconnect the POSITIVE terminal first (red, plus), tighten** securely. Then reconnect the negative with the IBS - ensure it seats properly. Apply dielectric grease. Registration alone is insufficient if specs changed.
8. **Verify and complete - Reinstall the trunk floor panel and trim. Close the trunk. Start** the vehicle and verify via your diagnostic tool that registration succeeded - the module should show the new battery with correct specs. Check: no warning lights, start/sto...

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