2019-2024 Audi Q3 - Replace Battery

2019-2024 Audi Q3 | Moderate | 1 hour | $188 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench Battery Terminal Cleaner Socket Wrench Set Battery Terminal Protector Multimeter Battery Terminal Brush Gloves 13mm Socket Diagnostic Scan Tool

PARTS

Replacement Battery $150.00
Battery Terminal Protector 03175 $10.00
Battery Terminal Cleaner 05023 $8.00
Battery Hold-Down Clamp $20.00

STEPS

1. **Prepare the vehicle - You'll need: a Group 47 (H5) AGM battery, 10mm and 13mm sockets,** and a diagnostic tool for battery registration. Critical: the Q3 REQUIRES battery registration - without it, over/undercharging, shortened battery life, and start/stop malf...
2. **Disconnect negative first - Remove the plastic battery cover - it lifts off or has clips.** Disconnect the NEGATIVE terminal first (black, minus) with a 10mm wrench and tuck the cable aside. Don't let the wrench touch both terminals or any metal - the Q3's electric...
3. **Remove the hold-down - Remove the battery hold-down - typically a clamp at the base on** the front or side - with a 13mm socket. Keep all hardware. Note the battery's orientation and PR code sticker: you'll need the group size (47 or 48) and specs for registra...
4. **Lift out the old battery - Lift the old battery out. Verify the new battery matches:** Group 47 (H5) AGM, 640 CCA for most Q3s - but if your PR sticker says Group 48, get the 48.
5. **Clean the tray and terminals - Clean the battery tray of debris and corrosion, and clean** the cable terminals with a wire brush until shiny. Check the terminal clamps for cracking - Audi clamps can become brittle.
6. **Install the new battery - Place the new AGM battery in the tray, matching the original** orientation. Reinstall the hold-down clamp and tighten securely - the battery shouldn't move when pushed. Confirm the terminals are in the correct positions (reversing them cau...
7. **Reconnect positive first - Reconnect the POSITIVE terminal first (red, plus) and tighten** the 10mm clamp, then reconnect the negative. Now perform battery REGISTRATION with your diagnostic tool: go to the battery management module, select 'Replace Battery,' and enter...
8. **Verify and complete - Reinstall the plastic battery cover and start the vehicle. Verify:** no warning lights, start/stop works (if equipped), and all electronics function. Confirm registration succeeded via your diagnostic tool; if start/stop doesn't work, retry...

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