2010-2024 Audi S4 - 12V Battery Replacement

2010-2024 Audi S4 | Moderate | 30-90 minutes | $180 DIY

TOOLS

10 mm wrench or socket, ratchet, and short extension Battery terminal brush and electrical-safe cleaner Memory saver only if the vehicle procedure permits it Gloves, eye protection, and a small flashlight 13mm Socket

PARTS

Replacement 12-volt battery for 2010-2024 Audi S4; verify group size, CCA, terminal layout, and VIN fitment $180.00 Anti-corrosion terminal protectant or felt washers (optional) $8.00

STEPS

1. **Confirm the fitment and the trunk location - The 2010-2024 Audi S4 (B8 and B9) keeps its** battery in the trunk under the spare tire. It takes a Group 49/H8 AGM battery. Buy an AGM battery with a vent connection and route the vent tube to the outside.
2. **Shut the car down and gather tools - Park on level ground, shift to Park, set the brake,** and switch the ignition off. Disconnecting clears the clock, radio presets, and some driver settings. Gather 10mm and 13mm sockets, gloves, and eye protection, and keep sparks and open fl...
3. **Expose the battery under the spare tire - Remove the trunk floor panel and lift out the** spare tire; on B9 cars, unplug and lift out the subwoofer too. Photograph the cable routing and vent tube connection first. Note the battery management module wiring on the negative cable and h...
4. **Disconnect the old battery, negative first - Loosen the negative cable first and tuck it** aside without stressing the wiring. Disconnect the vent tube, remove the hold-down, then the positive cable. Lift the Group 49/H8 AGM battery straight up out of the spare well - over 55 pounds,...
5. **Set the new AGM battery and reconnect the vent - Lower the new Group 49/H8 AGM battery in** with the original orientation. Refit the hold-down until the battery can’t shift. Reconnect the vent tube firmly so gases route outside. Connect positive first, negative, seating the module wiring a...
6. **Code the new battery to the car - Registration is required on the S4. With VCDS or** OBDeleven, open module 61 (battery regulation) and enter the battery’s BEM code and serial number so it charges correctly. Skipping this shortens battery life and can cause electrical faults...
7. **Refit the trunk, restore settings, verify charging - Refit the subwoofer, spare tire, and** trunk floor. Reset the clock and radio presets, and cycle each power window so one-touch relearns. Start the S4 - cranking should be quick and strong with no warning light; expect 13.5-14.5 volts at i...

TORQUE

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