2015-2019 Volkswagen Passat - Replace Battery

2015-2019 Volkswagen Passat | Moderate | 1 hour | $168 DIY

TOOLS

10mm Socket 13mm Socket Flathead Screwdriver Ratchet Wrench Socket Extension Swivel Joint Floor Jack Jack Stands Wheel Chocks Gloves Diagnostic Scan Tool

PARTS

Automotive Battery (Group H5 or H6) H6-AGM $150.00
Battery Terminal Cleaner $10.00
Battery Terminal Protector Spray $8.00

STEPS

1. **Prepare the vehicle - The 2015-2019 Passat (NMS, US-built) battery is in the ENGINE BAY** on the driver side. You'll need: Group 47 (H5) or 48 (H6) - AGM for start/stop models, EFB or flooded for base - 10mm and 13mm sockets, and a diagnostic tool for REGIS...
2. **Disconnect negative first - Remove the plastic battery cover (driver side, engine bay).** Always disconnect the NEGATIVE terminal first (black, minus) with a 10mm wrench and tuck the cable aside. Note the group size (47 or 48) and type (AGM/EFB/flooded) from the label...
3. **Remove the hold-down - Remove the hold-down (typically a base clamp - 13mm socket) and** keep the hardware. Photograph the old battery's label showing Ah rating, type, and manufacturer - the VAG registration procedure needs these values. Note the exact orienta...
4. **Lift out the old battery - Lift the old battery out and place it on a flat surface.** Verify the replacement matches: Group 47 or 48, and the correct type (AGM for start/stop, EFB/flooded for base).
5. **Clean the tray and terminals - Clean the tray of debris and corrosion and clean the** terminals with a wire brush. Check the tray drain and inspect the plastic cover. If your Passat has start/stop, verify the new battery is AGM.
6. **Install the new battery - Place the new battery in the tray in the original orientation,** matching the type the car expects (or prepare for coding if changing type). Reinstall the hold-down securely - the battery must not move. Double-check terminal positions and...
7. **Reconnect positive first - Reconnect the POSITIVE terminal first (red, plus) and tighten** the 10mm clamp, then the negative. Apply dielectric grease. Now perform REGISTRATION: with OBDeleven, VCDS, or a dealer tool, register the new battery (Ah, type, manufacturer) i...
8. **Verify and complete - Reinstall the plastic battery cover and start the vehicle. Verify** via diagnostic tool that registration succeeded: no battery warnings, start/stop works (if equipped), all electronics function. If you get battery warnings, the registration...

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