2020-2024 Chevrolet Corvette - Replace Battery

2020-2024 Chevrolet Corvette | Moderate | 1 hour | $185 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Socket Wrench Torque Wrench 13mm Socket Trim Removal Tool

PARTS

12V Car Battery $150.00
Battery Hold-Down Clamp $25.00
Battery Terminal Cleaner $10.00

STEPS

1. **Prepare the vehicle - The 2020-2024 C8's 12V battery is in the FRUNK - under a cover** behind the 'shelf.' You need an AGM 12V, 10mm/13mm sockets, trim tools. No registration needed. Frunk stuck? Manual release cable is under the dash.
2. **Disconnect negative first - Frunk won't open electronically? Use the manual release cable** under the dash. Remove the side shields and cover assembly to reach the battery. Disconnect the NEGATIVE terminal first (black, minus) with a 10mm wrench and tuck the cable asid...
3. **Remove the hold-down - Remove the battery hold-down (typically a clamp in the C8's frunk)** with a 13mm socket, keeping the hardware. Note the battery orientation. The C8's 12V is a standard automotive AGM - verify the group from the label.
4. **Lift out the old battery - Lift the old 12V battery out of the frunk, maneuvering around** the trim. Note the orientation. Verify the replacement: AGM 12V with matching group size. The C8's mid-engine layout puts the 12V up front for weight distribution.
5. **Clean the tray and terminals - Clean the battery compartment in the frunk - remove debris** and check for moisture; the compartment must be dry. Clean the terminals with a wire brush. Inspect the hold-down, and check the frunk trim pieces for damage before reinstalling.
6. **Install the new battery - Place the new AGM battery in the frunk, matching the original** orientation. Reinstall the hold-down and tighten securely - the battery must not move; the C8's performance driving demands it be solid. Double-check terminal positions.
7. **Reconnect positive first - Reconnect POSITIVE first (red, plus), tightening the 10mm** clamp, then reconnect the negative. Apply dielectric grease. No registration needed - no coding. Ensure connections are tight.
8. **Verify and complete - Reinstall the cover assembly and side shields, and close the frunk.** Start the vehicle: verify infotainment, performance modes, and no warning lights. For storage, consider GM's battery maintainer (frunk port, passenger side) - the C8's e...

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