2010-2024 Mercedes-Benz Sprinter - 12V Battery

2010-2024 Mercedes-Benz Sprinter | 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

PARTS

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

STEPS

1. **Verify battery fitment and charging symptoms - 2010-2024 Sprinter (NCV3/VS30): the** starter battery is a Group 49 (H8) AGM, ~850-900 CCA - match vent port and terminal layout. It lives under the driver seat; the auxiliary option adds a second under-hood battery. Check for slow cra...
2. **Make the vehicle safe and preserve settings when permitted - Level ground, parking brake** on, Park, ignition off. Key fob well away so modules sleep. Clear the driver’s footwell. Memory saver only if the manual permits; otherwise reset the clock. Gloves and eye protection: the H8 AGM is very heavy in...
3. **Disconnect the old battery - Under the driver’s seat, not the hood. Disconnect negative** first, then positive - don’t twist the posts or short against the seat frame. Leave the under-hood auxiliary battery alone unless it’s the bad one. Photograph cable routing and v...
4. **Compare and install the replacement - New Group 49/H8 AGM must match the old: case size,** terminal layout, vent-port position. Reconnect the vent tube so gases exit - a cabin battery must vent. Clean box, cable ends, lower battery in, connect positive first, negative second,...
5. **Reset and verify operation - Refit the cover, start the Sprinter, and confirm charging** voltage with no warnings. If your van has battery monitoring, do a BMS reset or battery adaptation (scan tool or dealer XENTRY). Stop if the battery runs hot, smells of sulfur, or t...

TORQUE

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