1997-2014 Ford E-250 - 12V Battery Replacement

1997-2014 Ford E-250 | Easy | 30-90 minutes | $180 DIY

TOOLS

8mm 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 1997-2014 Ford E-250; 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 - The E-250 uses a Group 65 (about 750 CCA) - a single unit on gas** V8 vans. On a rare diesel E-250, two Group 65s are wired in parallel; replace both as a matched pair.
2. **Make the vehicle safe and preserve settings when permitted - Park on level ground,** ignition fully off, parking brake set. The battery sits on the driver's side (a second tray on the passenger side means the diesel dual setup). You'll need an 8mm socket. Wear gloves and eye protection.
3. **Disconnect the old battery - Remove the hold-down bracket. Disconnect negative first,** then positive. On a dual-battery diesel, disconnect both (negative first on each) before lifting either, and keep them parallel - never positive-to-negative, which sends 24 volts t...
4. **Compare and install the replacement - Match the new Group 65 to the old: same case size,** top-post layout, same or higher CCA. Wire-brush the tray and clean the cable ends. Refit the hold-down snugly, connect positive first, then negative, and tug each terminal to confirm it ca...
5. **Reset and verify operation - Start the E-250; the charging light should go out and** cranking should be brisk. Let it idle a few minutes so the ECM re-learns. If the battery light stays on, a terminal feels hot, or you smell sulfur, have the alternator tested.

TORQUE

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