2017-2024 Ford F-250 - 12V Battery Replacement

2017-2024 Ford F-250 | Easy | 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 2017-2024 Ford F-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 - Your 2017-2024 Ford F-250 Super Duty's battery setup depends on** the engine. Gas V8 trucks (6.2L and 7.3L) use a single Group 65 battery - about 650 CCA on the 6.2L, 750 CCA on the 7.3L.
2. **Make the vehicle safe and preserve settings when permitted - Take the key fob well away** from the truck so the modules go to sleep. If your owner's manual allows a memory saver, connect one to the OBD-II port to preserve presets and learned settings.
3. **Disconnect the old battery - On the F-250's driver-side battery, remove the hold-down,** then disconnect the NEGATIVE (-) cable first and tuck it aside, then the POSITIVE (+) cable. On a diesel, repeat on the passenger-side battery. Never let a wrench bridge a positive...
4. **Compare and install the replacement - For the F-250, confirm the new Group 65 batteries** match the old ones in size, terminal layout, and polarity. Clean corrosion off the cable ends and wipe out the trays. Seat each battery flat, secure the hold-downs without crushing the case...
5. **Reset and verify operation - Charging voltage at the terminals should read 13.5 to 14.8** volts with the engine running. If a battery gets hot, leaks, or the warning returns, stop and have the charging system tested.

TORQUE

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