2015-2019 Ford Explorer - Battery Replacement

2015-2019 Ford Explorer | Moderate | 30-45 minutes | $188 DIY

TOOLS

8mm Socket Flathead Screwdriver Jack Stands Wrench Set Battery Terminal Cleaner Gloves Safety Glasses Flashlight Multimeter Torque Wrench Long Socket Extension

PARTS

Automotive Battery (Group 65) 65-1 $150.00
Battery Terminal Cleaner $10.00
Battery Hold-Down Clamp $20.00
Battery Terminal Protector Spray $8.00

STEPS

1. **Prepare (Group 65, BMS reset!) - Group 65 (OE Motorcraft BXT-65-650, 650 CCA), engine** compartment. Need: Group 65 battery, 8mm socket + LONG extension (deep retainer bolt), 8mm wrench, wire brush. BMS RESET is mandatory - sleep, FORScan, or the manual trick. Negative-fi...
2. **Disconnect, Remove (long extension!) - Disconnect NEGATIVE first, then positive (8mm).** Remove the hold-down retainer - the 8mm bolt is deep and needs a LONG extension. Lift the heavy Group 65 out and note the OE BXT-65-650 to match the group. Clean the terminals and tray.
3. **Install New Group 65 - Place the new Group 65 battery in the tray. Secure the hold-down** retainer (8mm + long extension - snug). Ensure the battery is seated. The Group 65 is the Explorer's spec - not the F-150's H6.
4. **Reconnect (positive first!) - Reconnect POSITIVE first, then negative (8mm). Ensure** tight, clean connections and double-check both - loose terminals cause electrical gremlins.
5. **Reset BMS (FORScan fallback!) - RESET THE BMS - mandatory. Options: (1) 8-hour** undisturbed sleep - lock it and leave it alone. (2) FORScan or scan tool (definitive). (3) Manual: accessory ON, high-beams 5x, brake 3x within 10 seconds. Don't skip it; you'll get chargi...
6. **Verify, Done - Start the engine and verify no charging warnings. The Explorer's recipe:** Group 65 (not H6), deep 8mm retainer bolt (long extension), mandatory BMS reset (FORScan fallback), engine-compartment location. Match or exceed the OE BXT-65-650 (65...

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