2020-2024 Land Rover Defender - Battery Replacement

2020-2024 Land Rover Defender | 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 2020-2024 Land Rover Defender; verify group size, CCA, terminal layout, and VIN fitment $180.00 Anti-corrosion terminal protectant or felt washers (optional) $8.00

STEPS

1. **Confirm the under-seat AGM battery and symptoms - The 2020-2024 Land Rover Defender** (L663) hides its 12-volt main battery under the front seat, not under the hood, and access can require unbolting and lifting the seat on a hinge to reach the battery box. The factory fitment is an AGM batt...
2. **Park, power down, and plan seat access - Park the Defender on level ground, set the** parking brake, and switch the ignition fully off. If you want to preserve your settings, plug a memory saver into the OBD-II port. Wear safety glasses and gloves. Because this battery lives inside...
3. **Expose and disconnect the under-seat battery - Slide the front seat fully forward and up,** then unbolt it and tilt it back on its rear pivots (or lift it out with help) to expose the battery box under the seat. Disconnect the negative (-) cable first, then the positive (+) cable.
4. **Install and refit the seat - Set the new AGM battery into the box in the same orientation** as the old one and clean any corrosion from the cable clamps with a wire brush. Reconnect the positive (+) cable first, then the negative (-), tightening each clamp until the cab...
5. **Start up and reset the battery monitor - Start the Defender and confirm there are no** warning lights. The battery-monitoring system should be informed of the new battery with a compatible scan tool’s BMS or battery-replacement function so the charging system charges it correctly;...

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