2015-2024 Lexus RC - 12V Battery Replacement

2015-2024 Lexus RC | 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 Trim Removal Tool

PARTS

Replacement 12-volt battery for 2015-2024 Lexus RC; 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 fitment and the trunk location - The 2015-2024 Lexus RC keeps its 12V battery** in the trunk, on the left side behind an interior trim panel on the RC 300h, with gas models in a similar trunk position; it’s not under the hood. It takes a Group 24F battery.
2. **Shut the car down and gather tools - Park on level ground, shift to Park, set the parking** brake, switch the car off. Disconnecting the battery clears the clock, radio presets, and some driver settings. Gather 10mm socket, trim tools, gloves, and eye protection; keep sparks an...
3. **Remove the trunk trim to expose the battery - Remove the interior trim panel on the left** side of the trunk to expose the 12V battery. Work the trim clips free gently so none snap. Take a photo of the cable routing and the vent hose connection before touching anything.
4. **Disconnect the old battery, negative first - Loosen the negative clamp first and tuck it** aside where it can’t touch either terminal. Disconnect the vent hose, remove the hold-down hardware, then the positive cable. Lift the Group 24F battery out - over 40 pounds, so lift with your...
5. **Set the new battery in and reconnect the vent hose - Lower the new Group 24F battery into** the well in the original orientation. Refit the hold-down just until the battery can’t shift. Reconnect the vent hose firmly so gases route outside the trunk. Connect positive first, then negative; conf...
6. **Restore the car’s settings - No scan-tool battery registration is required on the RC.** Reset the clock and re-enter your radio presets. Cycle each power window and the moonroof fully so the one-touch functions relearn. A short drive lets the car’s computers settle afte...
7. **Verify charging and recycle the old battery - Start the RC; power-up should be quick with** no new warning lights. With the car in READY and idling, the 12V system should hold roughly 13.5 to 14.5 volts. Return the old battery to the parts store for its core refund and recycling.

TORQUE

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