2020-2024 Mazda CX-30 - Battery Replacement

2020-2024 Mazda CX-30 | 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 2020-2024 Mazda CX-30; 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 and charging symptoms - Check what your 2020-2024 Mazda CX-30** actually needs before shopping. The CX-30 takes a Group 47/H5 battery (owners commonly fit a 680-CCA AGM in that group), so verify the group and terminal layout against the old battery’s label rather t...
2. **Make the vehicle safe and preserve settings when permitted - Wear gloves and safety** glasses, and take off metal rings or watches. Note that the CX-30 has a current sensor on the negative cable; you will handle it in the disconnect step, so do not tug that wiring.
3. **Disconnect the old battery - Open the CX-30 hood and locate the battery. Then loosen and** remove the positive (red) cable. Lift the battery straight out of the CX-30’s tray using its handles; at around 40-50 pounds, keep your back straight.
4. **Compare and install the replacement - Compare the new battery to the old side by side:** same Group 47/H5 size, positive post on the correct side, and CCA matching or exceeding the original. Confirm it is an AGM type so the i-stop system works as designed. Set the new battery in...
5. **Reset and verify operation - Start the CX-30 and confirm normal cranking with no warning** lights. Drive for 15-20 minutes and confirm i-stop engages at a stop once conditions are met.

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