2000-2006 Mazda MPV - 12V Battery Replacement

2000-2006 Mazda MPV | 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 2000-2006 Mazda MPV; 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 correct battery for your MPV - The 2000-2006 Mazda MPV came with either a** Group 24F or a Group 35 battery in the engine compartment depending on production run, so check the label on your current battery and match the group size, terminal layout, and cold-cranking amps...
2. **Park safely and open the hood - Open the hood and locate the battery in the engine** compartment. Put on gloves and eye protection, and keep metal tools, watches, and jewelry away from the terminals while you work.
3. **Inspect terminals, hold-down, and cable routing - Check both cable clamps for corrosion,** cracked insulation, and looseness, and note which cable goes to the positive post and which to the negative. Inspect the hold-down bar or clamp securing the battery and the condition of the tray.
4. **Disconnect the old battery, negative first - Loosen the negative cable clamp nut with a** 10mm wrench and lift the clamp straight off the post; tuck it where it cannot fall back onto the terminal. Then remove the positive cable the same way.
5. **Remove the hold-down and lift out the old battery - Remove the hold-down hardware and** lift it clear, then lift the old battery straight up and out - 35 to 45 pounds depending on group size - and set it on the ground, never on painted bodywork. Set the new battery into the tray.
6. **Clean and reconnect the cables - Clean both cable clamps with a wire brush, then connect** the positive cable first and the negative cable second, tightening each nut firmly so the clamps cannot rotate on the posts.
7. **Verify operation and reset your presets - With the engine running, expect about 13.5 to** 14.5 volts across the terminals. Reset the clock and radio presets, which clear when power is cut. Take the old battery to any auto parts store for recycling - never put it in household trash.

TORQUE

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