2019-2025 Toyota RAV4 | Easy | 20-30 minutes | $140 DIY

TOOLS

10mm socket (battery terminals) 12mm socket (hold-down bracket bolt) Ratchet and socket extension Wire brush or battery terminal cleaner Work gloves Safety glasses Rag or shop towels

PARTS

Group-size battery (match your tray) $140.00

STEPS

1. **Park level, shut it all down, and raise the hood - This guide covers gasoline RAV4s; on** hybrid models the 12-volt battery is in the rear cargo area behind a trim panel instead of under the hood - check the owner's manual if yours is a hybrid.
2. **Locate the battery and note the layout - On gas models the battery sits under the hood,** easy to spot once the hood is up. Take a quick phone photo showing which cable goes to which post and how the hold-down bracket sits at the battery's base.
3. **Disconnect the negative terminal first - Loosen the negative terminal nut with a 10mm** socket, turning counter-clockwise until the clamp moves freely. Twist the cable end side to side while lifting straight off the post - never wedge a screwdriver under the clamp.
4. **Disconnect the positive terminal - Flip the red protective cover up and out of the way,** loosen the positive terminal's 10mm nut, and work the cable end off with a gentle twisting pull.
5. **Unbolt the hold-down bracket at the battery's base - The battery is clamped by a** hold-down bracket at its base, secured with a 12mm bolt. Rock the battery gently to confirm it's fully free before lifting; forcing a still-clamped battery can crack the tray.
6. **Lift out the old battery and clean everything - Lift the old battery straight up with** both hands, keeping it level - it weighs around 40 pounds, so lift with your legs. Some of these batteries have a small folding handle on top; use it if yours does. Set the old battery terminals-up o...
7. **Connect the positive cable and verify the clamps - Connect the positive cable first:** slide it onto the post, tighten the 10mm nut until the clamp can't rotate by hand, and close the red cover. Tug both clamps firmly to verify they're solid.

ezcarfix.com