2015-2020 Chevrolet Suburban - Battery Replacement

2015-2020 Chevrolet Suburban | Easy | 30-45 minutes | $147 DIY

TOOLS

10mm socket Ratchet with extension Flathead screwdriver Magnetic pickup tool (recommended) Wire brush or battery terminal cleaner Dielectric grease or battery terminal spray Safety glasses Mechanic’s gloves

PARTS

Correct group-size battery $140.00
Terminal cleaner $8.00
Terminal protectant $7.00

STEPS

1. **Pop the hood and survey the passenger-side battery - Park on level ground, set the** parking brake, and switch the ignition off. Open the hood and secure it with the prop rod. Note the power-distribution block clipped onto the positive terminal and the hold-down wedge at the battery’s base.
2. **Carefully unclip the positive terminal’s distribution block - Study the** power-distribution block clipped onto the positive terminal before you touch it - this assembly feeds several circuits and its plastic clips are the part most people break. Using a flathead screwdriver, gently release each clip...
3. **Disconnect the negative cable first - Fit a 10mm socket on the negative (black) terminal** clamp and loosen it counterclockwise, then wiggle the cable end straight up off the post. Tuck the cable aside where it cannot touch metal. Note the battery current sensor riding on the ne...
4. **Free the positive cable and lift the heavy battery out - With the distribution block** already freed, loosen the positive cable clamp and slide it off the positive post; keep it clear of the negative cable. Now remove the hold-down wedge at the battery’s base - unbolt it and lift it out so the...
5. **Clean the tray, clamps, and distribution block - Brush out the battery tray and check it** for corrosion or standing water. Inspect the distribution block’s clips for cracks while it is off - if a clip is already broken, plan to replace the block than forcing a loose connection back to...
6. **Install the battery and reconnect positive, then negative - Lower the new battery into** the tray in the same orientation as the old one and refit the hold-down wedge at its base, snugging the bolt until the battery cannot rock or slide. Slide the positive cable onto the positive post, seat the power...
7. **Protect the terminals, start up, and verify - Coat both terminals with dielectric grease** or terminal spray to slow corrosion, then close the hood and start the engine - it should crank strongly. Check the headlights, climate controls, and dashboard for normal operation and no linger...

TORQUE

Battery hold-down 11 Nm 8 ft-lbs

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