2007-2009 Saturn Sky - 12V Battery Replacement

2007-2009 Saturn Sky | Easy | 45-75 minutes | $232 DIY

TOOLS

Floor jack and jack stand Lug wrench Socket and wrench set Flat screwdriver or trim tool Battery terminal brush Gloves and safety glasses Torque wrench

PARTS

Group 86 12V battery (correct size for Kappa chassis) $225.00
Anti-corrosion terminal spray $7.00

STEPS

1. **Park and prepare the Sky - Park level, switch everything electrical off, and remove the** key. The battery hides ahead of the passenger-side front wheel, behind the fender liner - not under the hood. Loosen the lug nuts before lifting; the wheel must come off.
2. **Remove the front wheel and fender liner - Raise the passenger-side front corner on a jack** stand and remove the wheel. Remove the liner's screws and push clips, tracking each fastener's position. Peel the liner back gently to reveal the battery tray ahead of the wheel well.
3. **Disconnect the battery terminals - Disconnect the negative (black) clamp first, tucking** the cable aside so it can't spring back onto the post. Then disconnect the positive (red) the same way. Inspect both cable ends for white or green corrosion to clean before reassembly.
4. **Remove the battery hold-down - Locate the hold-down at the tray's base and remove its** bolt. Keep the hold-down hardware together - it must be reinstalled to stop the battery shifting. Note the battery's orientation so the replacement goes in the same way.
5. **Lift out the old battery - Lift the battery straight out by its handle, keeping it level** so no acid spills from the vents. Set it aside away from the work area. Wipe the tray clean and check for rust or acid damage while it's empty.
6. **Install and secure the new battery - Lower the new Group 86 battery into the tray in the** same orientation, terminals on the correct sides. Reinstall the hold-down and tighten so the battery can't move - a loose battery cracks its case against the tray over bumps.
7. **Reconnect terminals and protect them - Clean both cable clamps with a terminal brush** until bright metal shows, then reconnect positive first and negative last. Tighten each clamp so it can't be twisted by hand. Spray the terminals with anti-corrosion spray to slow future buildu...
8. **Reassemble and verify - Refit the fender liner with every screw and push clip, then** remount the wheel and torque the lugs in a star pattern. Lower the car and start the engine - normal cranking, no warning lights. Reset clock and radio presets.

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