2016 Scion iA - Battery Replacement

2016 Scion iA | Easy | 20-30 minutes | $140 DIY

TOOLS

10mm socket and ratchet 10mm wrench battery terminal brush or wire brush nitrile gloves safety glasses battery terminal grease (optional) memory saver (optional)

PARTS

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

STEPS

1. **Open the hood on your rebadged Mazda2 - Put on safety glasses and nitrile gloves, and lay** out a 10mm socket, a wrench, and a terminal brush - that's nearly the whole toolkit. Park on flat ground, switch the engine off, pull the key, and set the parking brake.
2. **Disconnect the negative cable first - Locate the black negative cable marked with a** minus. Loosen its 10mm clamp nut and twist the clamp off the post, then tuck the cable away from the battery where it cannot spring back.
3. **Disconnect the positive cable - Loosen the 10mm nut on the red positive cable and lift** the clamp off its post. Set the cable toward the fender, well clear of the battery.
4. **Remove the top tie-down bar - Back both nuts off and lift the bar and hooks out, keeping** the hardware together in a cup or pocket. Note how the hooks sit before you remove them - on this small tray the orientation matters, and a photo now saves head-scratching later.
5. **Lift the old battery out - Lift the battery straight up with both hands and keep it** level; even this smaller battery carries real weight and can spill acid if tipped. Set it on concrete or a mat, never on the car's paint.
6. **Seat the new battery - Lower the new battery into the tray with the posts in exactly the** same orientation as the old one - the tray and cable lengths only line up one way.
7. **Start up and check the resets - Try every window from the driver's switch before you call** it done, and recycle the old battery at an auto parts store. Start the iA and let it idle for a few minutes while you check the lights, blower, and windows.

TORQUE

Battery hold-down 11 Nm 8 ft-lbs

ezcarfix.com