# 2016-2020 Kia Optima - Battery Replacement

**2016-2020 Kia Optima | 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 2016-2020 Kia Optima; verify group size, CCA, terminal layout, and VIN fitment $180.00  Anti-corrosion terminal protectant or felt washers (optional) $8.00

## STEPS

1. **Verify battery fitment and charging symptoms - Confirm fitment for your 2016-2020 Kia** Optima by engine before buying, because the size varies: the 2.4L and 1.6L gasoline models commonly take a Group 94R/H7 AGM (about 800 CCA), while the 2.0L takes a Group 48 battery - so check the la...
2. **Make the vehicle safe - Park level, shift to Park, set the parking brake, ignition fully** off. The battery is under the hood in a tray with a hold-down. Wear gloves and eye protection; remove metal jewelry.
3. **Disconnect the old battery - If a plastic cover blocks the terminals, pop it off. Loosen** the negative (black) clamp first (typically 10 mm), twist it off the post, and tuck it away. Then remove the positive (red) clamp.
4. **Seat the battery and reconnect - Seat it flat and refit the hold-down snugly. Reconnect** positive first, then negative, tightening each clamp until it won’t twist on the post. Clean corrosion with a wire brush and apply dielectric grease.
5. **Reset and verify operation - Start and confirm brisk cranking with no warning lights.** Take a 15-20 minute drive and confirm Idle Stop & Go resumes once the computer is satisfied. Recheck terminals and the hold-down. Return the old battery for the core refund - nev...

ezcarfix.com