2017-2023 GMC Acadia - Spark Plug Replacement

2017-2023 GMC Acadia | Advanced | 1-2 hours (V6), 45 minutes (2.5L four) | $115 DIY

TOOLS

5/8-inch (16mm) spark plug socket 3/8-inch ratchet 6-inch and 10-inch extensions Swivel/wobble joint 10mm socket Feeler gauge Compressed air or shop vacuum Dielectric grease (optional)

PARTS

Correct spark plug set for 2017-2023 GMC Acadia; verify engine, heat range, gap, and VIN fitment $115.00

Coil-boot seals or ignition coils only if inspection finds damage $35.00

STEPS

1. **Identify your engine - 2.5L four or 3.6L V6 changes the plan - First, know which Acadia** engine you have, because the job changes completely. The 2.5L four-cylinder has its four plugs right on top of the valve cover - a simple job. The 3.6L LGX V6, the far more common engine in 2017-2023 Acadias, i...
2. **Do the V6's front bank first - the easy win - Lift off the plastic engine cover and look** at the front bank of the V6 (cylinders facing the radiator). Unplug each coil connector by pressing its release tab, remove the coil hold-down bolt with a 10mm socket, and lift the coil straight o...
3. **Disconnect the battery - Loosen the negative battery cable clamp with a 10mm wrench, lift** the cable off the post, and tuck it aside so it cannot spring back onto the terminal. You will lose radio presets and the clock, and the transmission may shift differently du...
4. **Swap the front-bank plugs and set your rhythm - Use a 5/8-inch spark plug socket on a** 6-inch extension to loosen each front-bank plug counterclockwise, then lift it out with the socket's rubber grip. Now the gap step: check every new plug with a feeler gauge against the spec in your o...
5. **Tackle the V6's rear bank with extensions - no plenum removal needed - Now the rear bank,** the part everyone dreads. Here's the honest news: you do not have to remove the intake plenum. Plenty of owners do all three rear plugs with the plenum in place, using a 5/8-inch spark plug socket, a long extension, an...
6. **Swap the rear-bank plugs by feel - With the socket-and-swivel combo, loosen each rear** plug, lift it out, and inspect it - the rear bank runs hotter and its plugs often look the worst. Gap-check the new plugs the same way as the front bank. Thread each one in by hand as fa...
7. **Reinstall every coil and double-check each connector - For the V6, reinstall the** rear-bank coils and reconnect each connector until it clicks, then confirm every connector on both banks is seated. Press the engine cover back on.
8. **Start it up, verify the idle, and log the mileage - Reconnect the battery, start the** engine, and let it idle. A transverse V6 with one loose rear-bank connector will idle rough and throw a misfire code almost immediately - so if the idle isn't glass-smooth, shut it off and recheck the r...

ezcarfix.com