2004-2009 Nissan Titan | Advanced | 1.5-2.5 hours | $115 DIY

TOOLS

10 mm socket and ratchet 5/8-inch (16 mm) spark plug socket with long extension Swivel or wobble extension (driver-side rear coil) Flat-blade screwdriver (hose clamps) Feeler gauge set Compressed air or a blow gun Torque wrench (optional, if plug maker gives a spec) OBD-II code reader (optional, for misfire codes)

PARTS

Correct spark plug set for the gasoline/ICE engine in 2004-2009 Nissan Titan; 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. **Prep - map the eight coils on the 5.6L V8 - Park on level ground and let the engine cool** fully. The 2004-2009 Titan has one engine option, the 5.6-liter VK56DE V8, and it uses eight individual coil-on-plug coils - four down each valve cover - with no spark plug wires at all. N...
2. **Clear the engine cover and air duct for access - Remove the plastic engine cover and the** intake air duct running to the throttle body so you can see both valve covers clearly. Do not remove the intake manifold; it is not necessary for this job.
3. **Remove the ignition coils - Remove the single 10 mm hold-down bolt from the coil, then** twist and pull the coil straight up out of the plug well - pull evenly, not at an angle, or the rubber boot can tear and stay behind on the plug.
4. **Remove the old plugs and gap the new ones - Blow any grit out of the exposed plug well** with compressed air. Fit a 5/8-inch (16 mm) spark plug socket on a long extension, drop it down the tube, and turn counterclockwise to break the old plug free. Check the gap of each replacement pl...
5. **Install the new plugs by hand first - Start every plug by hand, turning it several full** turns with just the socket and extension (no ratchet) until it seats - this is how you avoid cross-threading the aluminum heads. Do not overtighten; stripped threads in these heads are a...
6. **Reseat the coils and reconnect everything - Push each coil firmly back down onto its plug** until it bottoms out, reinstall the 10 mm hold-down bolt snugly, and reconnect the wiring connector until it clicks.
7. **Start it up and confirm no misfires - Start the engine and let it idle - it should be** smooth with no flashing check-engine light. Note the mileage so you can plan the next change around 105,000 miles from now.

ezcarfix.com