2005-2011 Dodge Dakota - Spark Plug Replacement

2005-2011 Dodge Dakota | Advanced | 2-3 hours | $115 DIY

TOOLS

5/8-inch spark plug socket with rubber insert 3/8-inch ratchet 3-inch and 6-inch 3/8-inch extensions 10mm socket 8mm socket or flathead screwdriver Feeler gauge set Dielectric grease Compressed air or shop vacuum Magnetic pickup tool

PARTS

Correct spark plug set for the gasoline/ICE engine in 2005-2011 Dodge Dakota; 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. **Confirm your engine and buy the correct plugs - Count the coils on your engine to** confirm, and buy the matching plug type: the service manual warns the 4.7L must be refitted with the same copper-core type as original or preignition can result.
2. **Remove the intake resonator and duct - Loosen the intake tube clamps with an 8mm socket** or flathead screwdriver, slide the rubber snorkel off, remove the two 10mm bolts on each side of the intake duct, and pull the duct straight off the throttle body.
3. **Disconnect and remove the ignition coils - Working one cylinder at a time, press the** connector tab and pull it straight off, then remove the 10mm nut and lift the coil out with a slight twisting motion - this protects the sealing o-ring at the coil's base.
4. **Remove the old spark plugs - Blow any dirt out of the plug wells with compressed air so** nothing falls into the cylinders. Use a 5/8-inch spark plug socket with a rubber insert on a 3-inch plus 6-inch extension stack to break each plug loose and lift it out.
5. **Install the new plugs - Thread each plug in by hand as far as it will go to avoid** cross-threading, then snug it about a quarter to a half turn more once the washer seats. Never overtighten - the heads are aluminum and strip easily.
6. **Reinstall the coils and intake duct - Push each coil firmly back onto its plug until it** seats, reinstall the 10mm nut, and reconnect the electrical connector until it clicks. Refit the intake duct and resonator, tighten the 10mm bolts and the tube clamps, and reconnect the thr...
7. **Verify smooth running - Start the engine and let it idle - it should run smooth with no** flashing check-engine light. Take a short drive and confirm there is no hesitation under load.

TORQUE

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