2005-2011 Cadillac STS - Spark Plug Replacement

2005-2011 Cadillac STS | Moderate | 60-90 minutes | $56 DIY

TOOLS

Socket and ratchet set 5/8-inch spark-plug socket Extensions Feeler gauge Compressed air Gloves

PARTS

Iridium spark plugs (6) $56.00

STEPS

1. **Cool the engine and disconnect the battery - Let the 3.6L V6 cool for at least an hour -** aluminum heads and hot plugs are a recipe for thread damage. Disconnect the negative battery terminal. Remove the plastic engine cover by pulling it straight up off its studs.
2. **Expose the coil packs - The six coil packs sit in a row along the top of each valve** cover, each with an electrical connector and a single mounting bolt. Do not disconnect anything you do not need to.
3. **Remove the coils in order - Unplug each coil's connector by pressing its release tab,** then remove the coil bolt with a socket. Pull each coil straight up out of its tube and lay them out in order. Inspect the coil boots for cracks or carbon tracking while they are ou...
4. **Remove the old spark plugs - Blow compressed air into each plug tube to clear debris that** could fall into the cylinder. Fit a 5/8-inch spark-plug socket with an extension into each tube and loosen the plug. Lift it out with the socket's rubber insert.
5. **Gap and install the new plugs - Verify each new iridium plug matches the original part** number and check the gap with a feeler gauge. Thread each plug in by hand using only the extension - no ratchet. Then snug with a ratchet; on the aluminum 3.6L heads, overtightening...
6. **Reinstall the coils and cover - Push each coil firmly back into its tube onto the new** plug until it seats, reinstall the bolts, and reconnect the electrical plugs with an audible click. Press the engine cover back onto its studs.
7. **Reconnect and test - Reconnect the negative battery terminal. Start the engine and let it** idle - it should run smoothly with no check-engine light. Take a short drive with varied throttle to confirm no misfires.

ezcarfix.com