2005-2010 Chevrolet Cobalt SS - Spark Plug

2005-2010 Chevrolet Cobalt SS | Moderate | 45-60 minutes | $49 DIY

TOOLS

Socket set 5/8-inch spark-plug socket Extension Feeler gauge Compressed air Gloves

PARTS

Spark plugs (4, SS/forced-induction spec) $49.00

STEPS

1. **Cool the engine and remove the cover - Let the Cobalt SS's 2.0L engine cool fully.** Disconnect the negative battery terminal. Pull the plastic engine cover straight up to expose the four coil packs on the valve cover.
2. **Remove the coil packs - Unplug each coil's connector by pressing its tab, then remove the** single bolt per coil with a socket. Pull the coils straight up and keep them in order. Inspect the boots for cracks - weak boots cause misfires under boost.
3. **Remove the old plugs - Blow debris out of the plug wells with compressed air. Loosen each** plug with a 5/8-inch spark-plug socket and extension. Note the condition of the old plugs - oil on the threads points to a valve-cover gasket leak.
4. **Install the new plugs - Confirm plugs are the correct heat range for the forced-induction** 2.0L (the SS needs colder plugs than the base Cobalt). Check the gap with a gauge. Thread each plug in by hand first, then snug - never overtighten aluminum head.
5. **Apply dielectric grease to boots - Smear a thin layer of dielectric grease inside each** coil boot before reinstalling. This stops the boots from seizing to the plugs and seals out moisture. Keep grease off the electrical connector pins.
6. **Reinstall coils and test under boost - Seat the coils firmly onto their plugs, reinstall** the bolts, and reconnect plugs until they click. Reconnect the battery and replace the cover. Start and take a test drive with a full-throttle pull - it should accelerate with no stutter.

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