2011-2017 Chevrolet Caprice - Spark Plug

2011-2017 Chevrolet Caprice | Advanced | 1-3 hours | $115 DIY

TOOLS

Metric/SAE socket set with extensions and swivel Spark-plug socket with rubber insert or magnet Torque wrench covering the plug range Compressed air or a soft brush, dielectric grease, gloves, and eye protection 5/8-inch (16mm) spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2011-2017 Chevrolet Caprice; 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 engine and plug fitment - Confirm the engine in your 2011-2017 Chevrolet Caprice:** the 3.6L LFX V6 takes NGK LTR6IX-11 (stock #6509, or ACDelco 41-988) - buy 6 - while the 6.0L L77 V8 takes NGK 94567 ruthenium plugs gapped at 0.040 in - buy 8. Both arrive pre-...
2. **Cool and expose the plugs - Let the engine cool completely and disconnect the negative** battery cable. Remove the engine cover. On some Caprices the strut tower brace must come off for coil access. The coils sit on top of each bank.
3. **Remove coils and clean wells - Unplug each coil connector, remove the hold-down bolt, and** lift the coil straight out. Blow or brush every plug well clean before loosening anything - rear-bank wells collect debris against the cowl. Work one cylinder at a time to keep c...
4. **Remove the old plugs - Remove the old plugs with a 5/8 in spark-plug socket and compare** reach and electrode wear. Check the pre-set gap against your manual’s spec (the L77’s is 0.040 in) without prying on precious-metal tips.
5. **Reconnect and verify - Reinstall the coils, connectors, brace, and cover; reconnect the** battery. Start the Caprice and scan for returning misfire codes. The LFX should idle turbine-smooth and the L77 with its deep V8 rumble.

TORQUE

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