2012-2020 Chevrolet Sonic - Spark Plug Replacement

2012-2020 Chevrolet Sonic | 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 T30 Torx Driver

PARTS

Correct spark plug set for the gasoline/ICE engine in 2012-2020 Chevrolet Sonic; 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 - The 1.8L LUW takes NGK IFR6Z7G (stock #95609), gapped** at 0.028 in - buy 4. The 1.4L turbo LUV takes ACDelco 41-121 (NGK IFR7X7G, stock #91039), also gapped at 0.028 in - buy 4. Both use a 5/8 in hex.
2. **Cool and expose the plugs - Let the engine cool and disconnect the negative battery** cable. On the 1.4T you'll find one long coil strip covering all four plugs, held by two T-30 Torx screws; on the 1.8L there are four individual coils. Either way, access is right on t...
3. **Remove the coils - On the 1.4T, slide the purple lock tab back on the coil strip's** connector, squeeze the release, and lift the whole strip straight up. On the 1.8L, unplug each coil and remove its bolt.
4. **Remove and install plugs - Remove the old plugs with a 5/8 in spark-plug socket and** compare reach and wear. Start each new plug by hand and tighten to the manufacturer's spec in your owner's manual. NGK's trivalent plating means no anti-seize. Verify the 0.028 in ga...
5. **Reconnect and verify - Reinstall the coil strip (or individual coils), torque the T-30** screws, and reconnect the harness - click the purple lock home. Refit the cover and battery cable, start the Sonic, and scan for misfires. Both engines should idle evenly an...

TORQUE

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