2011-2015 Chevrolet Volt - Spark Plug Replacement

2011-2015 Chevrolet Volt | 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 2011-2015 Chevrolet Volt; 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 your 2011-2015 Volt has the 1.4L LUU** range-extender four. The correct plug is NGK BKR6EIX (stock #6418), which arrives pre-gapped at 0.032 in - buy 4. Scan for P0301-P0304 first.
2. **Cool and expose the plugs - Let the engine cool and disconnect the negative battery cable** (the 12V battery, under the rear cargo floor - not the high-voltage pack). Lift off the plastic engine cover to expose the four coil-on-plug coils on the 1.4L. Nothing else ne...
3. **Remove coils and clean wells - Unplug each coil connector, remove the hold-down bolt, and** pull the coil straight up. Blow or brush every plug well clean before loosening a plug - the LUU's wells collect dust in the Volt's quiet bay. Keep coils in cylinder order.
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 NGK by hand and tighten to the manufacturer's spec in your owner's manual. No anti-seize on NGK's coated threads. The plugs come pre-gapped at...
5. **Reconnect and verify - Reinstall the coils, bolts, and connectors, refit the cover, and** reconnect the 12V battery. The 1.4L should run smoothly and quietly when it cycles on - any roughness points to a coil connector that didn't seat.

TORQUE

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