2019-2024 GMC Sierra 1500 - Spark Plug Replacement

2019-2024 GMC Sierra 1500 | 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 16mm spark-plug socket with rubber insert

PARTS

Correct spark plug set for 2019-2024 GMC Sierra 1500; 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 2019-2024 Sierra 1500’s 5.3L L84 V8 (with Dynamic** Fuel Management) takes the ACDelco 41-110 iridium - the NGK-made OE plug (ILTR5E11) - pre-gapped at 0.040 in (1.025 mm). You need eight. Note the tight 0.040 gap: it’s smaller than...
2. **Cool and expose the plugs - Disconnect the negative battery cable. The rearmost coils** near the firewall are the tightest, particularly on the passenger side under the cowl, so stage a 5/8 in (16 mm) spark plug socket with a rubber insert, a 6-inch extension, and a un...
3. **Remove the coils - Work one side at a time. Squeeze each coil connector’s locking tab and** pull it straight back without pulling the wiring. Remove the single coil bolt and lift each coil straight up, keeping them in cylinder order on a rag.
4. **Remove and install plugs - Remove each old plug with the 5/8 in (16 mm) spark plug** socket, turning counterclockwise. Verify the 0.040 in gap on every new plug even though they’re pre-gapped; never pry on the fine iridium center electrode.
5. **Reconnect and verify - Press each coil firmly onto its plug until it seats, refit the** coil bolts, and reconnect every connector until the tabs click - then tug-test each one. Reconnect the negative battery cable. Start the Sierra and confirm a smooth idle with...

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