2010-2024 Mercedes-Benz Sprinter - Spark Plug

2010-2024 Mercedes-Benz Sprinter | Advanced | 1-3 hours | $115 DIY

TOOLS

Metric/SAE socket set with extensions and swivel 5/8-inch spark plug socket (M272 engines) Torque wrench covering the plug range Compressed air or a soft brush, dielectric grease, gloves, and eye protection 14mm thin-wall spark-plug socket with rubber insert

PARTS

Correct spark plug set for the gasoline/ICE engine in 2010-2024 Mercedes-Benz Sprinter; 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 a gasoline engine. The 3.5L M272 V6 (2010-2018)** takes NGK laser-iridium plugs gapped 0.032 in (buy 6); the 2.0L M274 turbo (2019+) takes NGK SILZKFR8H7S-type indexed plugs gapped 0.028 in (buy 4) - no alternatives. Scan for P03...
2. **Cool and expose the plugs - Cool the engine completely and disconnect the negative** battery cable. Remove the air intake pipe and lift off the coil covers. The M272's six coils and the M274's four sit on top of the heads in plain view once the covers are off.
3. **Remove coils and clean wells - Unplug each coil connector, remove the coil bolts, and** lift the coils straight out. Blow or brush every plug well clean first. Per Mercedes workshop instructions, apply connector grease to the sealing lips of each coil boot before installa...
4. **Remove and install plugs - Remove the old plugs and compare reach and wear. The M272 uses** a 5/8 in socket; the M274's M12 plugs need a 14mm socket. Start each new plug by hand, then torque to 23 Nm per the Mercedes WIS procedure for these engines. No anti-seize on...
5. **Reconnect and verify - Reinstall the greased-boot coils, reconnect everything, and refit** the intake pipe and covers. Reconnect the battery, start the Sprinter, and scan for misfires. Both engines should idle smoothly; a lingering miss is almost always an unseate...

TORQUE

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