

2020-2024 BMW X3 M | 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

PARTS

Correct spark plug set for the gasoline/ICE engine in 2020-2024 BMW X3 M; 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 - Verify the exact engine, plug part number, heat range, reach, and gap for the 2020-2024 BMW X3 M. Scan for misfire codes and inspect coils and plug wells before ordering parts.**
- 2 Cool and expose the plugs - Let the 2020-2024 BMW X3 M cool completely, disconnect the negative battery cable only if the service procedure calls for it, and remove the engine cover, coils, or intake parts needed for access.**
- 3 Remove coils and clean wells - Label connectors as needed, release each coil without pulling its wiring, and blow or brush debris away from the plug wells on the 2020-2024 BMW X3 M before loosening a plug.**
- 4 Remove and install plugs - Remove each old plug with a spark-plug socket, compare reach and deposits, start each new plug by hand, and use the exact engine-specific torque. Never use an impact for final seating.**
- 5 Reconnect and verify - Apply only the specified dielectric grease to the boot, reinstall coils and connectors, start the 2020-2024 BMW X3 M, and scan for returning misfire codes. Stop if a thread, coil, connector, or misfire problem remains.**

TORQUE