2018-2024 BMW X2 - Spark Plug Replacement

2018-2024 BMW X2 | Advanced | 45 minutes to 1 hour - the tightest part is the rearmost plug | $115 DIY

TOOLS

14mm thin-wall spark plug socket with rubber insert 3/8-inch ratchet with extension and swivel/wobble extension Socket for coil retaining bolts Wrench for battery terminal Wire-type or feeler spark plug gap gauge Compressed air or shop vacuum Magnetic pickup tool Gloves and safety glasses

PARTS

Correct spark plug set for the gasoline/ICE engine in 2018-2024 BMW X2; 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. **Identify your X2's turbo four - B46 or B48 - and cool it down - Park on level ground, set** the parking brake, and let the engine cool completely. Disconnect the negative battery cable with a wrench and tuck it aside.
2. **Pull the engine cover and plan the rearmost plug - Take a look at the rearmost plug** (cylinder 4, at the firewall side): it is the tightest one on the B46/B48, with the cowl crowding it, so plan a swivel or wobble extension combination for it before you start.
3. **Unbolt and lift the four coil packs in order - Work one cylinder at a time and keep the** coils in order on a clean rag. Squeeze the release tab on each coil's electrical connector and pull it free, then remove the coil's single retaining bolt and lift the coil straight out of the plug w...
4. **Blow out the wells and remove the plugs with a 14mm socket - Break each plug loose** counterclockwise and spin it out, keeping the socket straight to avoid side-loading the plug. Note each old plug's condition in order as it comes out.
5. **Check the gap against the manual and hand-thread the new plugs - Read the electrode gap** specification in your owner's manual or on the emissions sticker under the hood - never use a generic gap value. Check each new plug with a wire-type or feeler gauge and adjust gently; never force the gauge against...
6. **Seat the plugs and reinstall the coil packs - Lower each coil back onto its plug,** reinstall the retaining bolt, and push the electrical connector on until the locking tab clicks - tug each one to confirm it is latched.
7. **Reconnect the battery and verify - Reconnect the negative battery cable. Start the engine** and let it idle - it should run smoothly with no check-engine light. Take a short test drive and confirm smooth acceleration and no warning lights.

TORQUE

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