2017-2023 Subaru Impreza - Spark Plug Replacement

2017-2023 Subaru Impreza | Advanced | 60-90 minutes | $48 DIY

TOOLS

3/8-inch ratchet Spark-plug socket (usually 5/8-inch or 14 mm; confirm engine) 6-inch extension and small torque wrench Compressed air or soft brush 10 mm socket for coil fasteners (if equipped)

PARTS

Iridium spark plugs for Subaru Impreza (verify engine and heat range) $48.00
Spark plug boot grease (small tube, optional) $8.00

STEPS

1. **Confirm engine and plug fitment - You need four. These are ~100,000-mile plugs, but the** boxer layout makes this the most access-challenged four-cylinder plug job you'll do: the plugs point sideways out of the cylinder heads, buried between the engine and the frame rails. S...
2. **Disconnect the battery and gather the tools - Disconnect the negative battery cable.** Because the plugs are M12-thread, you need a thin-wall 14 mm spark plug socket - verify it against a new plug - plus short extensions and a universal joint.
3. **Remove the coils - Work one side at a time. Squeeze each coil connector's locking tab and** pull it straight back, then remove the coil bolt and wiggle each coil straight out of its tube - keep them in order.
4. **Install the new plugs - Verify the 1.0-1.1 mm gap without prying on the fine iridium** electrode. Start each new plug BY HAND for several turns - cross-threading a sideways hole you can't see is the classic boxer disaster - then tighten to the manufacturer's sp...
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. Reinstall the battery, tray, and air intake duct exactly as they came off - a loose intake duct means an unmet...

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TORQUE

Spark plug (verify engine-specific specification) 24 Nm 18 ft-lbs