2010-2014 Subaru Outback - Head Gasket Replacement

2010-2014 Subaru Outback | Advanced | 8-10 hours | $280 DIY

TOOLS

10mm Socket 14mm 12-Point Socket Torque Wrench Breaker Bar Socket Extensions Floor Jack Jack Stands Pry Bar Flat Blade Screwdriver Magnet - Extendable

PARTS

Head Gasket Set SGA11365 $229.95
Cylinder Head Bolts ES72463 $50.00
Engine oil
Coolant

STEPS

1. **Diagnose, gather parts, and disconnect power - Confirm head-gasket failure on the Subaru** Outback (coolant loss, milky oil, exhaust hydrocarbons in coolant, or a failed block test). Disconnect the negative battery cable. Drain coolant and engine oil.
2. **Strip the top end for head removal - Remove the intake, exhaust manifold/turbo plumbing** as required, valve cover, timing cover/chain or belt components, and any brackets blocking the cylinder head on the Subaru Outback.
3. **Unbolt and lift the cylinder head - Loosen head bolts in the reverse of the torque** sequence on the Subaru Outback. Lift the head straight up - it is heavy; use a helper or hoist.
4. **Clean surfaces and check for warpage - Clean block and head gasket surfaces on the Subaru** Outback without gouging aluminum. Check the head (and block) for warpage with a straightedge; machine or replace if out of spec. Install dowels if removed.
5. **Install the new head gasket and torque the head - Place the new head gasket dry (unless** the maker specifies sealant) in the correct orientation on the Subaru Outback. Set the head, oil new TTY bolts if required, and torque/angle-tighten in the exact factory sequence and stages.
6. **Reassemble timing, refill, and verify - Reinstall timing components, manifolds, covers,** and accessories on the Subaru Outback. Refill with fresh oil and the correct coolant. Prime the oiling system if specified, start, check for leaks, and verify temperature and misfire-free run...

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