

Service and Warranty Reference Library

This is a re-issue of a previously published document with updated information highlighted in RED.

MODELS:

2007-2008 Saab 9-3 B207R (This PI does not apply to the B284 engine)

UPDATE: This condition could also occur on 2009-11 B207 or 2011 9-5 A20NFT

CONDITION/CONCERN:

A Technician may comment of hard or no starting when cold or the vehicle may start and stall when cold. They may also find engine misfires with DTC's P0300, P0301, P0302, p0303 or p0304. The vehicle will start and run normally when hot.

RECOMMENDATIONS/INSTRUCTIONS:

This condition is caused by a worn intake valve and is typically found on vehicles with 40,000 or more miles. Due to the nature of this issue it can be more frequent in cold climates and could exhibit the condition at a lower mileage; inversely in warmer climates it may occur at a higher mileage.

TAC has found accelerated intake valve wear of the valve seat face will cause significant compression loss in cold temperatures that will not be readily apparent when hot.

To properly diagnose this condition perform a cold (after an overnight stay is best) compression and leak down test. As an example, an engine with a 200-175 psi hot cranking compression reading may only show 75 to 90 psi when cold.

Once a Technician has determined he has the above described concern he must initiate a Technical Assistance Center (TAC) case by email at tac.us@hedinpartslogistics.com or by phone at 1-855-722-2762 prompt #3. TAC will provide the full information on the parts/repair procedure when the case is set.

Parts Required: Inlet valve 2007 to 2011, BioPower 55563529 (8 required)
