



Engine Misfire or Lack of Compression on 2003-2011 Saab 2.0L Turbo Engines

The AERA Technical Committee offers the following information on engine misfire or lack of compression on 2003-2011 Saab 2.0L turbo engines. It is important to note that a lack of compression is most noticeable on a cold engine.

Intake valve face erosion and cupping has been reported on these engines, generally after 80,000 miles but has been reported as low as 50,000 miles. Intake valve replacement is required to resolve this condition. Cylinder head removal is required and it is recommended a valve job be performed while replacing all eight intake valves.

Saab parts sources currently list three possible valve replacement part numbers which are listed below. Saab service previously had listed several technical bulletins concerning this condition, however, offered no repair other than to replace the valves. It should be considered that not all engines are being affected, which suggests different driving habits may be effecting the intake valves performance. Remember, a turbo engine should be allowed a "cool-down" period after a drive of even moderate turbo power.

Saab Intake Valve Part Numbers:

55563529 Nitrated, also for "Bio-Power" or "Flex-Fuel" models.

55192156 Nitrated

12786696 Chrome Plated, Induction Hardened Face.

Aftermarket intake valve suppliers of these valves have not experience subsequent repeat failures with their replacement intake valves. Some have consolidated the 55563529 and 55192156 as they are the same materials.