



099-1980

2004 Volvo S40, V40

Worn Intake Valves May Be Causing Misfires, Rough Running

Volvo Service Bulletin 21-21 dated August 15, 2005 states that certain vehicles from model year 2004 may experience rough idling, rough running, lack of power, or display DTC ECM misfire codes.

In this event, the following services should be performed:

- Read out DTCs
- Check compression and do a leak down test with the engine cold
- Check valve clearance on the cylinders with low compression
- Remove the cylinder head and check the condition of the valve face
- If the valve face is worn, replace ALL the intake valves even if some look okay
- Use ONLY intake valves with P/N 30637059

Any of the above issues can ultimately lead to premature catalytic converter failure, so these services should be performed prior to catalytic converter replacement.