

Soot deposits on bearing housing, Leakage on flange surface of exhaust manifold

Introduction:

In certain cases, there are complaints of a smell of exhaust gas in the passenger compartment. In the area of the turbocharger bearing housing (oil inlet line), sooting due to exhaust gas can be detected.

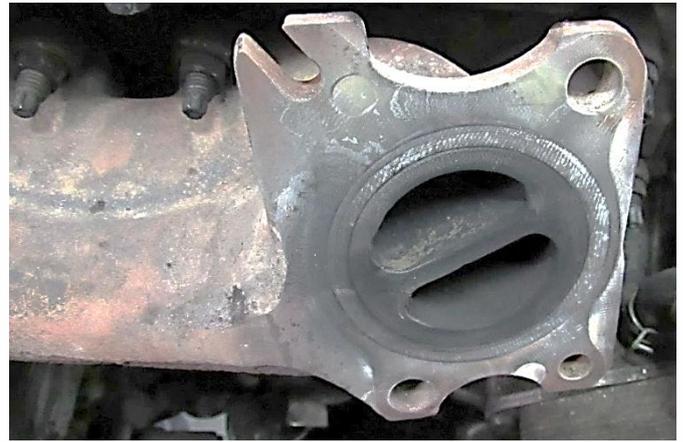
Note:

The impression given that the exhaust gases escape behind the V-band clamp between the turbine housing and the turbocharger bearing housing is not always correct. Leakage can also be present on the flange surface of the turbocharger to the exhaust manifold or on the exhaust manifold itself (distortion or cracking).

Instructions:

Check exhaust manifold for leaks at cylinder head, or check exhaust manifold for cracks.

Check the flat surface of the exhaust manifold for evenness before installing the turbocharger. The gasket to be used on the turbine housing cannot permanently seal any gaps between the components..



Caution:

Excessive exhaust backpressure is not usually expected in turbocharged gasoline engines.

Nevertheless, a defective 3-way catalytic converter can be responsible for this fault. In addition to the increased gas pressures, higher exhaust gas temperatures are also present, which subject the material of the exhaust manifold and the gaskets to greater stress.

Vehicle Manufacturer: Peugeot, Citroën

Vehicle: 207, 208, 308, 3008, 508, RCZ, C4, C5, DS3 1.6 THP / 1.6 16V

Engine code: 5FE (EP6CDTM), 5FE (EP6CDTMD), 5FN (EP6CDT), 5FR (EP6DT), 5FT (EP6DT), 5FV (EP6CDT), 5FX (EP6DT)

Validity: This service information is valid for renewing the turbocharger with

BTS reference: T914880 **BTS-Service-Set-Nr:** T981340

Please note: OE-references are only for means of comparison. The content of this Service Information is non-binding and is only for informational purposes. The manufacturer specifications have to be adhered to.