

Intake-side foreign body damage to compressor wheel

Introduction:

We have noticed that there are noticeably frequent premature failures of the turbocharger with a damaged compressor wheel. Softened or damaged seals on the intake port of the compressor housing cause damage to the compressor wheel, which leads to noise and loss of turbocharger performance.

Note:

Large soft foreign objects cause breakouts at the compressor wheel blades in these vehicle types. Individual blades of the compressor wheel are bent up so strongly that the blade-edges go breaking. The broken bits can then lead to impact marks in the compressor housing and on intact blades of the compressor wheel.

Instructions:

Components and seals from the air filter box to the compressor inlet of the turbocharger have to be checked for damages and replaced if necessary. Elements of the crankcase ventilation should also be checked.



Vehicle Manufacturer: MITSUBISHI ASX , Lancer VIII , Outlander III ; Peugeot 4008 ; Citroen C4 Aircross
Vehicle: 1.8 DI-D ; 2.2 DI-D ; 1.8 HDi 150

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

BTS reference: T916468, T916453, T916636, T916680

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.