

## **Mechanical turbocharger damage requires replacement of intercooler**

### **Metallic chips left in the intercooler can cause engine damage**

**Schwäbisch Hall, July 23, 2013.** Whenever any form of mechanical fault affects the turbocharger, it is simply not enough to replace just this with a new one. According to the air-conditioning and cooling experts Behr Hella Service, in such an instance it is even necessary to replace the intercooler. For when mechanical turbocharger damage occurs, it is quite possible that oil and metal chips begin to collect in the intercooler. The ensuing contamination and blockage result in a reduction of engine performance. However, the repercussions become much more serious if the metal chips remaining in the intercooler work loose and get into the combustion chamber. Then one has to reckon with considerable engine damage.

In the valued opinion of the Behr Hella Service experts, the flushing out of the intercooler, as opposed to its replacing, cannot be seen as a safe and sure alternative. The reason for this is that the rinsing process does not guarantee the removal of all the chips. Moreover, intercoolers with turbulence inserts cannot be flushed out or cleaned because of their design features. In the end, flushing out can only be considered an effective method for removing small amounts of oil which have collected in the intercooler.

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**Behr Hella Service GmbH, Schwäbisch Hall:** The joint venture between automotive parts suppliers Behr (specialist for vehicle air conditioning and engine cooling) and Hella (specialist for components and systems for lighting technology and electronics) serves the global independent aftermarket for vehicle air conditioning and engine cooling parts. The joint venture combines Behr Service's activities on the independent aftermarket and the air-conditioning business of the Hella aftermarket organization. Behr and Hella each have a 50% share in the joint venture. The combination of Hella's worldwide sales organization with Behr's product know-how and the linking of activities in the field of vehicle air conditioning and engine cooling for the parts

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business is a consistent further development of the already existing cooperation between Behr and Hella in the field of climate control and front-end modules.

**Further information is available from:**

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