LuK Service Info

Noises of the dual mass flywheel

Noisy operation during engine start-up

Before changing the dual mass flywheel, it is very important to carry out correct diagnosis. Only with proper diagnosis it is possible to guarantee that the installation of the new part will lead to the serviceable functioning of the assembly.

Evaluation of noise during engine start-up is one method of determining dual mass flywheel failure. However, reported symptoms can be wrongly assessed by workshop as a malfunction of the dual mass flywheel. Such problems are frequently due to reduced engine speed, as a result of starting system faults. In this case, an additional starter device can be used for diagnosis (Image 1).

If the symptoms have disappeared after connecting such a device, it is confirmed that the dual mass flywheel is in good working condition and that the cause is to be found in the starting system. However, if the additional starting device did not help, then this does not necessarily mean that everything is good with the starting system.

Image 1: Additional starting device

Image 2: LuK special tool Art.-Nr. 400 0080 10

In all cases, if noise occurs during engine start-up it is recommended to check components of the starting system: battery, starter, wires etc.

If, after carrying out these checks, you have doubts about condition of the dual mass flywheel, we recommend to conduct a visual inspection of it, as well as measure its plays with using LuK special tool Art.-Nr. 400 0080 10 (Image 2).

For more information about noises during start-up and operation of engine please use LuK Service Info 0069.

Please observe vehicle manufacturer recommendations & specifications.

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