

# SERVICE INFO



## Notes on handling the dual mass flywheel

In contrast to the rigid flywheel, the dual mass flywheel comprises several components that have been precisely aligned with one another; despite the closed construction, the functionality of these components can be impaired by external influences. If handled incorrectly, the dual mass flywheel can be damaged, resulting in premature failure, or noise or vibration complaints.

For this reason, please observe the following points when handling the dual mass flywheel:

**Do not refit a dual mass flywheel if it has been dropped!**

The impact can damage the ball bearing or friction bearing, cause the signal gear to twist or cause an increased imbalance.

**Do not re-machine the friction surface of the dual mass flywheel!**

If the friction surface is weakened, the required bursting rpm can no longer be guaranteed.

**Do not use excessive force to move the secondary flywheel in an axial direction on dual mass flywheels with a friction bearing!**

The membrane inside the dual mass flywheel will be damaged as a result of this action.

**The dual mass flywheel must not be washed in a part washing machine or washed using a high-pressure cleaner or steam!**



*Image 1: Cross section of the LuK dual mass flywheel*

**Use the correct screw length for the clutch!**

Screws that are too long rub against the primary flywheel (causing noises) or the screws may lock the two masses.

Screws that are too long damage the ball bearing or pull it out of its correct position.

**Always use new fastening screws!**

**Clean the friction surface of the dual mass flywheel using a cloth soaked in a cleaning solvent !**

Do not allow any cleaning agent to enter the dual mass flywheel!

**Note:**

Further information about the dual mass flywheel can be found in the detailed LuK brochure entitled "Dual mass flywheel".



Note the specifications of the vehicle manufacturer!

Appropriate spare parts can be found in our on-line catalogue at [www.Schaeffler-Aftermarket.com](http://www.Schaeffler-Aftermarket.com) or in RepXpert at [www.RepXpert.com](http://www.RepXpert.com).

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Any reference to replacement part numbers for vehicle manufacturers is for comparison purposes only.

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