

## **Dual mass flywheel article**

Dual-mass flywheels use a two-piece design with a built-in dampener to reduce engagement chatter, dampen engine torque spikes, and reduce gear noise from the transmission while making engagement and disengagement of the clutch extremely smooth. In a car using a dual-mass flywheel all the dampening of clutch engagement is done by the flywheel. A traditional clutch kit with a solid flywheel puts all of this stress on the clutch and frequently use a sprung hub in the clutch disc to dampen the clutch engagement.

By design, dual-mass flywheels are a wear item that cannot be serviced or resurfaced. If your vehicle is equipped with a dual mass flywheel it is highly recommended that you replace the flywheel and clutch kit at the same time. Failure to do so will result in a premature failure of the new clutch kit just installed, causing added expense in parts and labor in the near future.

Not sure if your car uses a dual-mass flywheel? Contact us or your nearest dealer with your VIN. Should you need a replacement, we offer a full line of Luk OE replacement dual-mass flywheels at a significant savings over the dealer. Luk is the original manufacturer of most dual mass flywheels supplied to the auto industry and we buy directly from Luk, so rest assured you will receive a true factory replacement part.