

Technical Bulletin

Suzuki Swift/Vauxhall/Opel Various - Dual Mass Flywheel (DMF) Replacement

Applicable References: ADK83053/ADK83054

Applications: Suzuki Swift II

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In order to secure the pressure plate assembly, the dual-mass flywheel (DMF) has threaded holes all the way around it. As the gap between the primary and secondary masses is extremely narrow, only screws that are 13 mm in length can be used.

If longer screws are used, the screw thread protrudes through the rear side of the secondary mass and fouls the primary mass (see image 1).

If this happens, the DMF may not function correctly. All the engine rotary vibrations will be transferred to the gearbox / driveline without being dampened, and noises and premature wear will occur.

In individual circumstances, the spline profile on the clutch disc may be damaged through this process; if this is the case, power will no longer be transferred (see image 2).

WARNING:

If new fixing screws are provided when replacing the clutch or DMF, these screws **must** be used. If no screws are provided, only M6x13 screws from strength category 10.9 can be used.



Image 1: Material wear caused by using a screw that is too long



Image 2: Damaged spline profile

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