



CLUTCHTECH



TSB - MB06

Solid Flywheel Conversion kit for Mercedes Sprinter

Relates to kits KMB24507 and KMB24607

Vibration Problems After Fitment

Some Mercedes Sprinter vehicles after fitment of the solid flywheel conversion have shown signs of vibration. During investigation, the evidence is that general vehicle wear and tear together with a lack of the correct inspection procedures can be responsible for these reported vibration issues.

Worn Gearbox Pilot Bearing Shaft/Bearings

When fitting a SMF solid flywheel conversion kit, it is important to check both wear on the pilot bearing shaft (Refer below photo) and excessive movement of the shaft which would indicate worn bearings. Any wear to either the bearings or the shaft can cause vibration when the speed of rotation matches the natural, or resonant, frequency of the shaft.



Spigot Bearing Damage During Fitment

When refitting the gearbox, care needs to be taken to ensure that the pre-fitted flywheel spigot bearing is not damaged (Refer below photo).

Always ensure the gearbox is fully supported and inserted centrally.

Failure to do this can result in bearing damage which prevents adequate input shaft support and leads to wear and vibration.



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