Source:	Prestolite Electric Ltd - Greenford, London, UK
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Models:	DAF Starter motors
Subject:	AFTERMARKET FITMENT OF STARTER

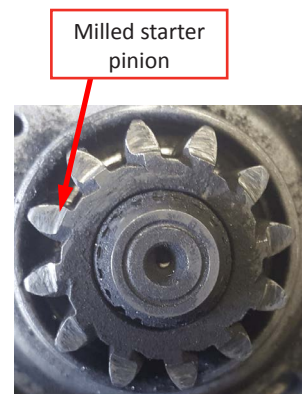## AFTERMARKET INSTALLATION OF M90R3543SE / M90R3544SE

The M90R type is a direct replacement for the Bosch 0001241*** stater motor fitted to DAF truck and bus applications. 0001241019 / 0986021490 = M90R3543SE, and 0001241020 / 0986022260 = M90R3544SE (2-pin plug)

Application period:	2001 onwards.
Defect / problem:	Excessive wear to the crankshaft thrust bearings = starter failure
Symptoms:	Oil leaks Excessive crank/clutch end float Flywheel contacts the bell housing (extreme cases) Premature starter failure
Effect:	Starter motor shaft frackture / Starter stuck in mesh. (As the engine thrust washers wear this allows the flywheel to move towards the starter motor; and if sufficient wear occurs starter failure will result due to the loss of the necessary out of mesh clearance.)

Wear on ring gear face
Ring gear against bell housing
Ring gear milling
Milled starter pinion

We advise the close inspection of the engine, check for signs of oil leaks, crank / clutch float, contact between ringgear / bell housing, before replacing the starter motor. Also inspect old starter for signs of milled pinion.
Due to the nature of the cause of failure being outside the control of Prestolite, such warranties may not be accepted.

For queries or assistance please contact your Regional Sales Manager or alternatively contact the Technical Service Helpline on +44 (0) 1772 461776.