

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

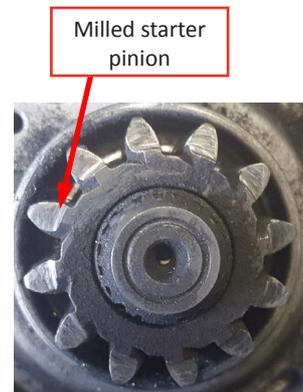
The M90R type is a direct replacement for the Bosch 0001241\*\*\* stater motor fitted to DAF truck and bus applications. 0001241019 / 0986021490 = M90R3543SE, and 0001241020 / 0986022260 = M90R3544SE (2-pin plug)

**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 fracture / 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.)



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.

Important: The information contained in this bulletin is intended for use by trained, professional technicians who have the proper tools, equipment, and training to perform the required maintenance described above. This information is NOT intended for 'do-it-yourselfers', and you should not assume that this information applies to your equipment. If you have any questions regarding this information please visit our website at [www.prestolite.com](http://www.prestolite.com), or contact our technical service department at: