

Source:	Prestolite Electric Ltd - Greenford, London, UK
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Bulletin No:	TSB4081 (rev.2)
Models:	Various
Subject:	STARTER MOTOR COMPATIBILITY

STARTER MOTOR PINION VARIANCE

Prestolite Electric offer a vast range of starter motors, and in some circumstances the number of teeth vary relative to OE starter. This could be due to available tooling, product improvements, etc.

This is common in the passenger car industry, but relatively new to heavy duty market.

To achieve compatibility the pinion has to be moved relative to the ring gear. This then allows for the fitment of a larger, or smaller, starter motor pinion. See illustration showing pinion offset compatibility.

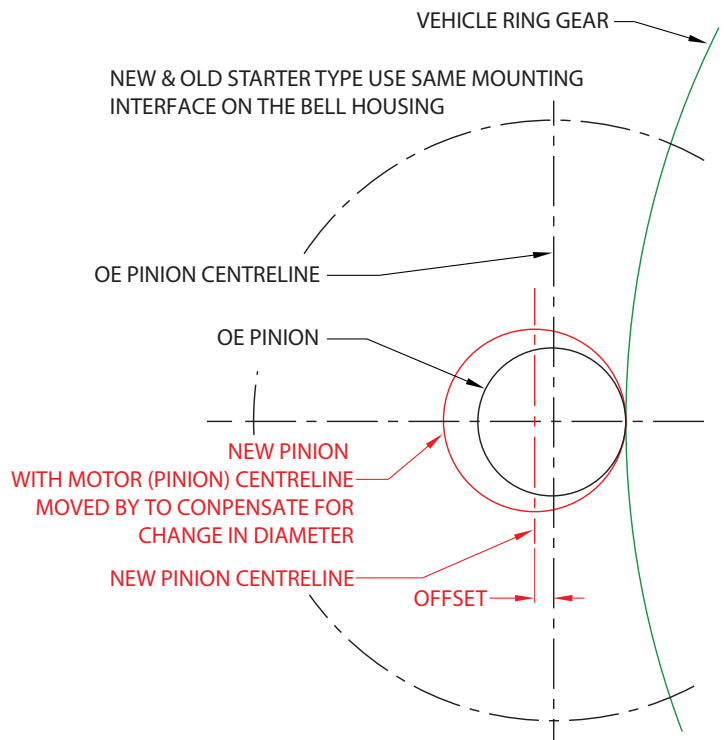
The following starters have pinion that vary from OE, but are 100% compatible.

M90R3543SE, 11t (OE 12t) - DAF
M90R3544SE, 11t (OE 12t) - DAF
M90R3545SE, 11t (OE 12t) - Scania
M90R3553SE, 12t (OE 13t) - Mercedes-Benz

M93R3004SE, 10t (OE 9t) - Deutz, KHD
M93R3066SE, 10t (OE 9t) - Mercedes-Benz
M100R2014SE, 10t (OE 9t) - Deutz, KHD

M105R3527SE, 11t (OE 12t) - Scania

HM95R3050SE, 12t (OE 13t) - Mercedes-Benz



All products with such variances are developed and engineered by Prestolite European division and tested on vehicles prior to release to ensure 100% compatibility.

For further information please contact your Prestolite representative.

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, or contact our technical service department at: