

Source:	Prestolite Electric Ltd - Greenford, London, UK
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Bulletin No:	TSB4049 (rev.2)
Models:	DAF / Scania starter motors (M90R3543SE / M90R3544SE / M90R3545SE)
Subject:	Pinion size variance & compatibility.

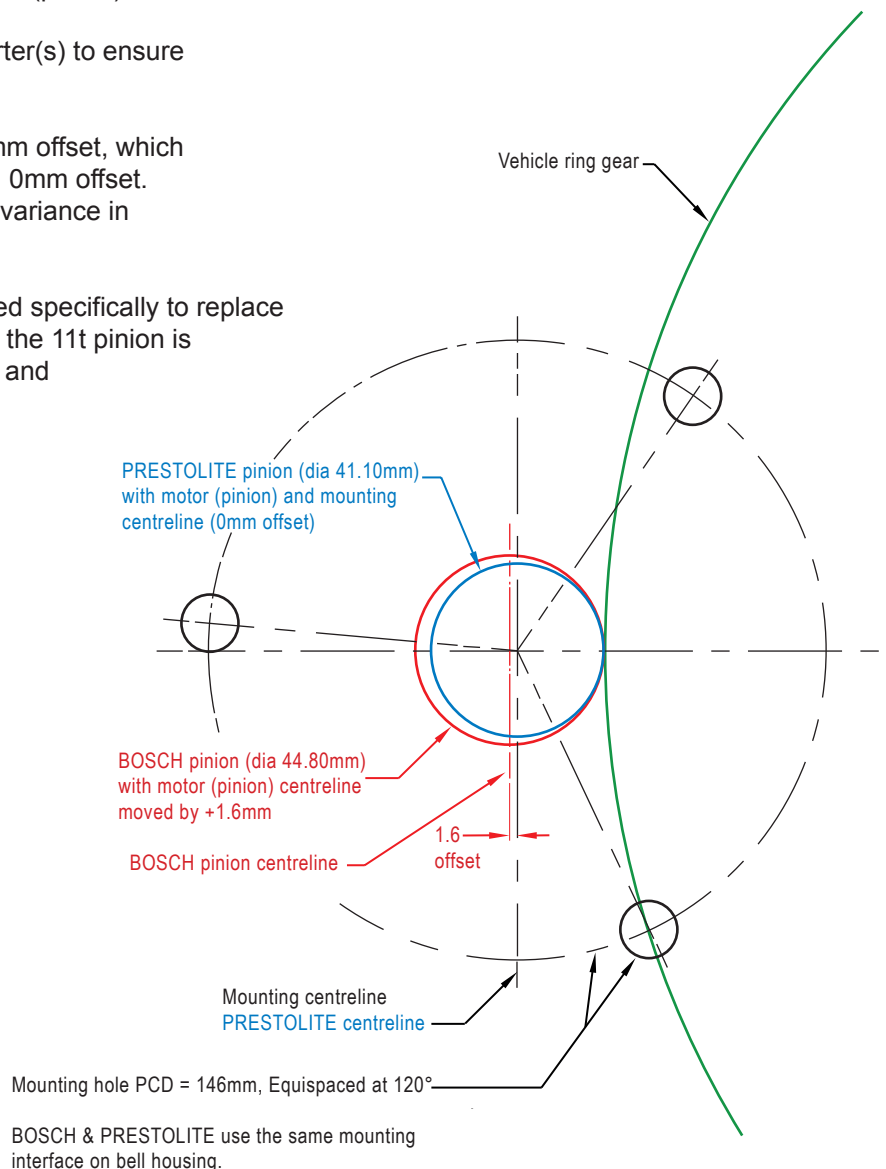
PRESTOLITE 11t DESIGN vs BOSCH 12T PINION DESIGN

The vehicle ring gear has a gear module (profile) of M3 with pressure angle of 14.5°. This must remain the same for the starter(s) to ensure compatibility.

Bosch utilises a 12t design with a 1.6mm offset, which is equivalent to using a 11t design with 0mm offset. The centreline offset compensates for variance in pinion diameter.

The Prestolite M90R has been designed specifically to replace the relevant DAF / Scania starters and the 11t pinion is guaranteed to be a direct replacement and interfaces 100% with vehicle.

If any queries, please contact
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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: