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Filialen:
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Fitting Instructions

For those who do not have access to the original BMC setting tools you may find the diagram below helpful. The figure on the pinion head shown within a box refers to the deviation from the STD PINION HEAD MOUNTING DISTANCE as shown below. It should be adjusted as quoted in the original workshop manual,

„Allowance must finally be made for the mounting distance marked on the pinion head in a rectangular bracket. Proceed as follows:

If the marking is a plus figure, reduce the washer thickness by an equal amount.

If the marking is a minus figure, increase the washer thickness by an equal amount.

A tolerance of .001" (0.025mm) is allowed in the thickness of the spacer finally fitted.

Fit a spacer of this thickness to the pinion with the chamfer towards the pinion head.“

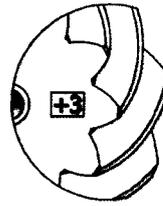
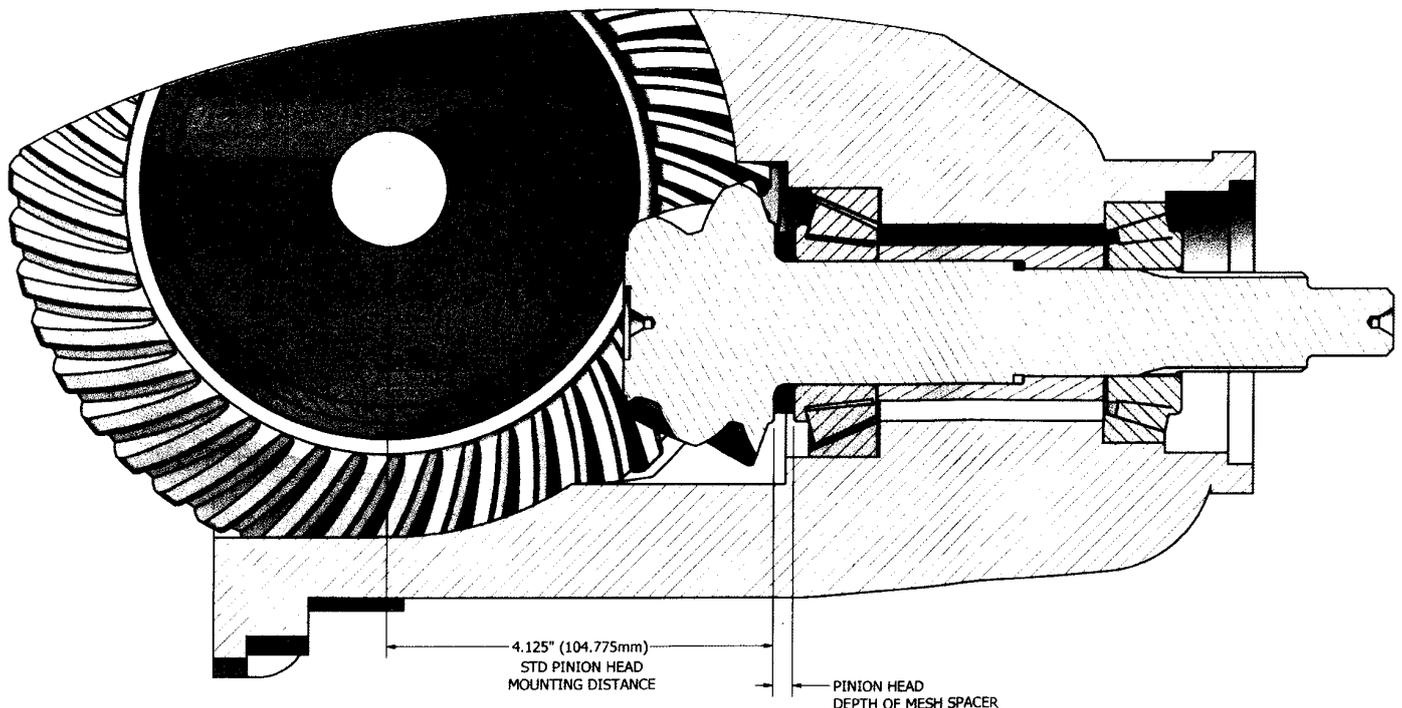


Figure in box
 variation of pinion
 Head mounting distance



PART NO.	DEPTH OF SPACER
RAX127F	0.208" (5.283mm)
RAX127E	0.210" (5.334mm)
RAX127B	0.212" (5.385mm)
RAX127	0.214" (5.436mm)
RAX127C	0.216" (5.486mm)
RAX127D	0.218" (5.537mm)
RAX127A	0.220" (5.588mm)
RAX127G	0.222" (5.639mm)



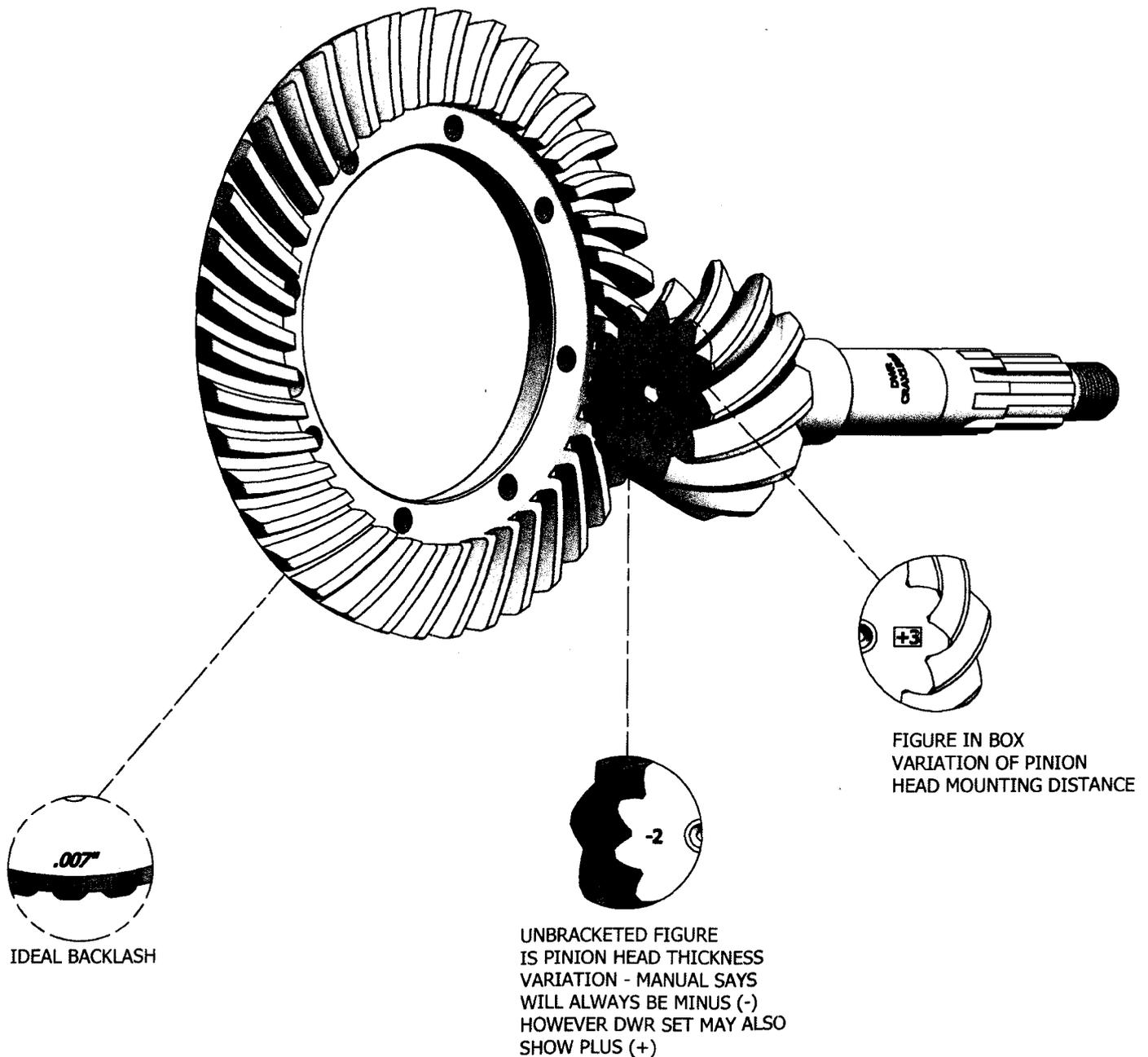
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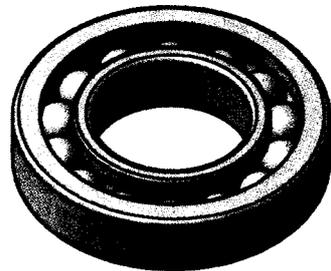
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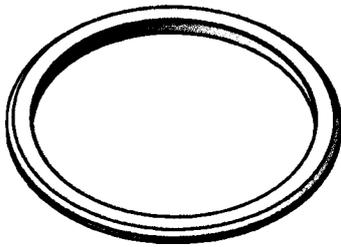
Our Crown Wheel and Pinion sets are etched with all relevant data necessary to allow fitment as per the original workshop manual. As original our Crown Wheel and Pinion sets have been test run on a gear checking machine to ascertain the ideal mounting position, this is the data etched on the Pinion head and Crown Wheel back face. It is vitally important that this data is adhered to when installing this Crown Wheel and Pinion set into it's housing.



ASSOCIATED PARTS ALSO AVAILABLE FROM STOCK

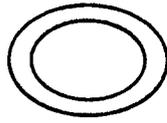


DIFFERENTIAL SIDE BEARING
RAX103

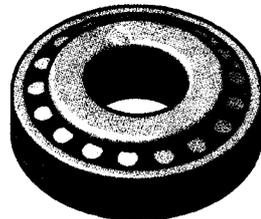


Differential side bearing shims

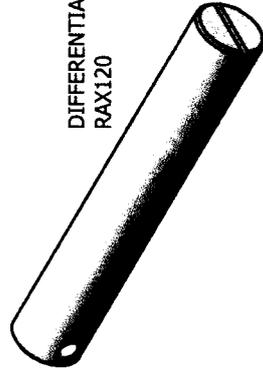
Part number	Shim thickness
295337	0.193" (4,90mm)
RAX105A	0.197" (5,00mm)
RAX105B	0.200" (5,10mm)
RAX105C	0.210" (5,30mm)
205238	0.187" (4,75mm)
RAX108	0.179" (4,55mm)
327693	0.183" (4,65mm)
327694	0.181" (4,60mm)
327696	0.177" (4,50mm)
327697	0.175" (4,45mm)



Pinion spacer shims



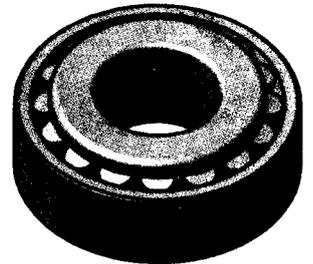
FRONT PINION BEARING
RAX124



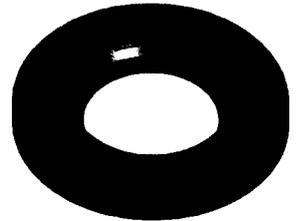
DIFFERENTIAL PINION CROSS SHAFT
RAX120



HEAVY DUTY PINION NUT AND WASHER
RAX142



REAR PINION BEARING
RAX126



OIL SEAL PINION
RAX137



HEAVY DUTY CROWN WHEEL BOLT & WASHER SET
CRAX230



HEAVY DUTY DIFFERENTIAL BEARING CAP NUT & WASHER SET
CRAX240



HEAVY DUTY PROP SHAFT BOLTS
CRAX222



3/8 UNF STEEL NUT
038SMNF