

STARTER MOTOR & RING GEAR/DRIVE PLATE COMBINATIONS FOR P76 VEHICLES.

This subject has been covered in the past, however, there still appears confusion on which starter motor mates with which ring gear/drive plate.

Due to a starter motor pinion meshing problem with ring gears, from first production the starter motor end brackets were machined to provide a .025" offset at the register. This offset has been termed "eccentric" enabling the pinion to be moved closer to the ring gear. A larger ring gear and concentric" starter motor pinion drive end bracket was introduced into later production vehicles as a running change..

To identify the eccentric starter motor a triangle has been etched on the outer surface of the pinion drive end bracket adjacent to the solenoid mounting. The diameter of the ring gear that mates with this starter motor is 1'1 1/16".

The concentric type starter motor mates with the larger later production ring gear which has a diameter of 1'1 1/8".

The attached chart indicates when the larger ring gears and concentric starter motors were introduced into production, however, now with the age of the P.76 it cannot be assumed that the original ring gear and starter motor is still fitted. It does not matter if the ring gear is the smaller early production or the larger later production component providing it is matched with the correctly mating starter motor.

The correct combination of starter motor ring gear will ensure satisfactory service with acceptable noise level. The unmatched combinations however will still operate.

HAPPY MOTORING

TONY DE LUCA

ECCENTRIC END BRACKET.

