

3 - GEARBOX

Rationalisation of BA 10/5 and BA 7/5 gearboxes – Simplification of adjustments

From serial numbers :

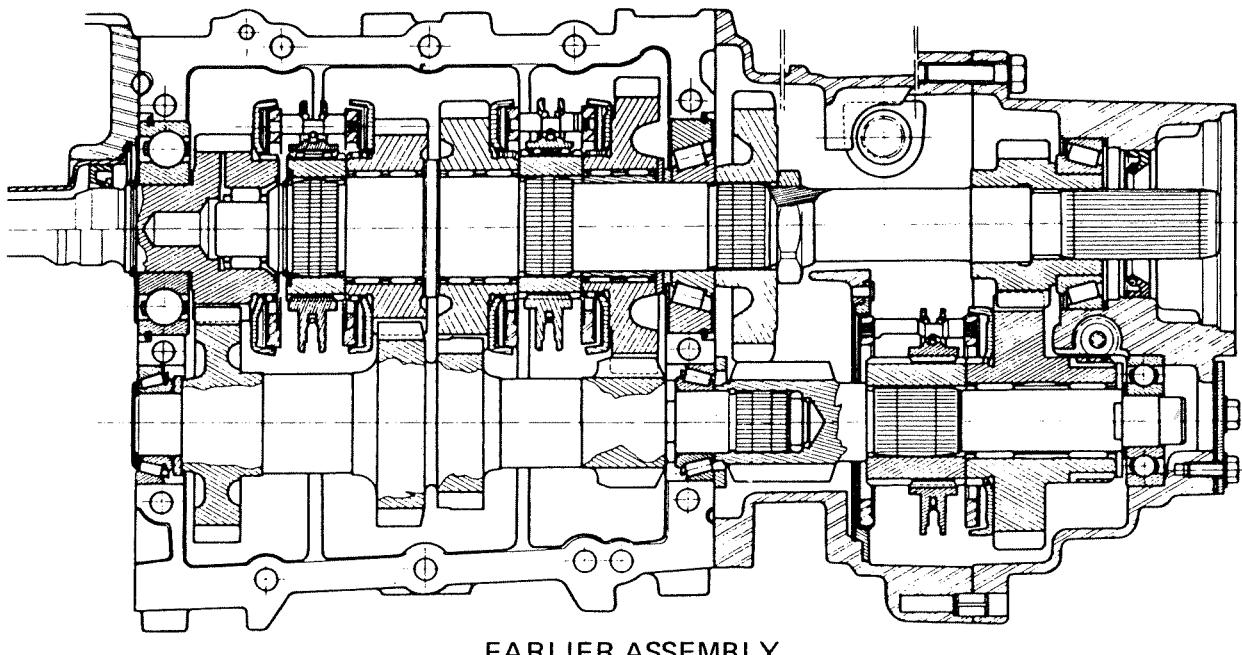
505 SRD Turbo	}	1 625 547
505 GTD Turbo		
505 Turbo Injection		
604 GTI	}	6 660 040
604 GTD Turbo		

BA 10/5 gearboxes are modified as follows in order to simplify adjustments during service attention :

- Mainshaft taper roller bearings replaced by a deep track ball bearing and a parallel roller bearing.
- A stop plate for the 2 centre bearings added to the front housing.
- 3 slots added to the rear housing to allow extraction of the outer track of the parallel roller bearing and a bearing retaining circlip added.

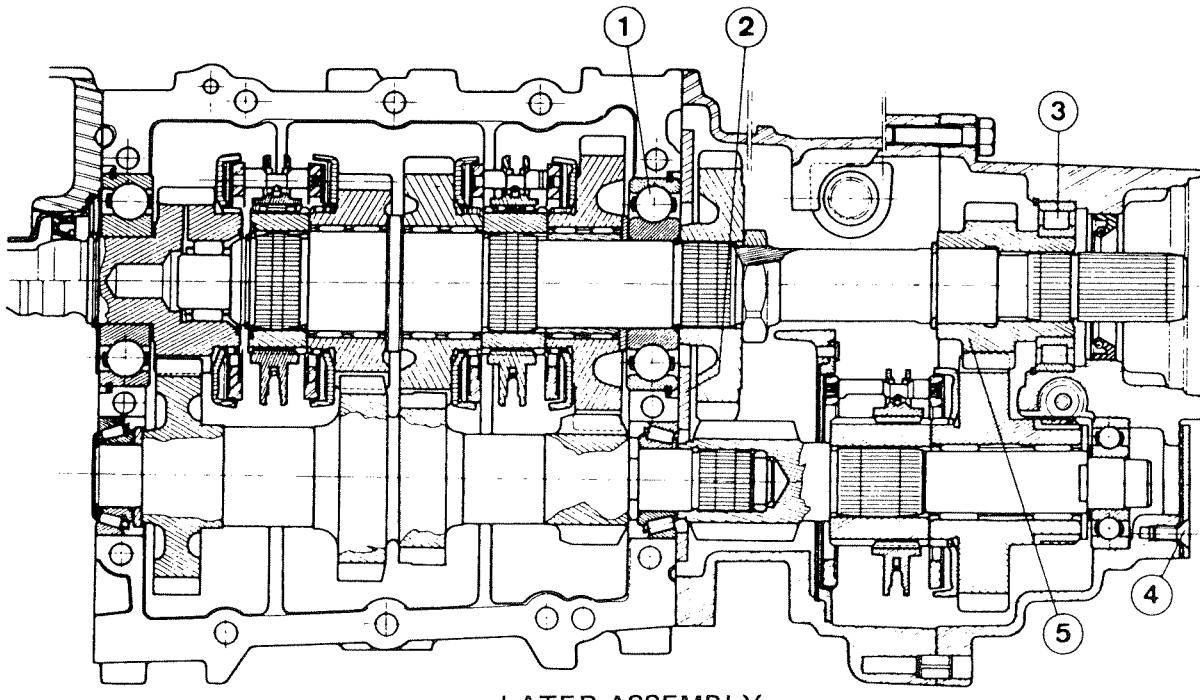
Design

BA10/5



EARLIER ASSEMBLY

BA10/5



- 1 - Deep track ball bearing
- 2 - Stop plate for centre bearings.
- 3 - Parallel roller bearing

- 4 - Rear plate secured with countersunk screws in place of hexagon head screws
- 5 - 5th speed driven gear modified to suit the width of the rear bearing.

In the new assembly, the axial thrust of the mainshaft is taken by the central deep track bearing (1) instead of by the 2 tapered roller bearings. Because of this modification, it is no longer necessary to pre-load the mainshaft bearings.

INTERCHANGEABILITY

The individual parts of the 2 assemblies are not interchangeable.

Only the new rear housing (matched with the intermediate housing) can replace the earlier type provided that the earlier type mainshaft rear bearing is fitted.