

### 3 - GEARBOX

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

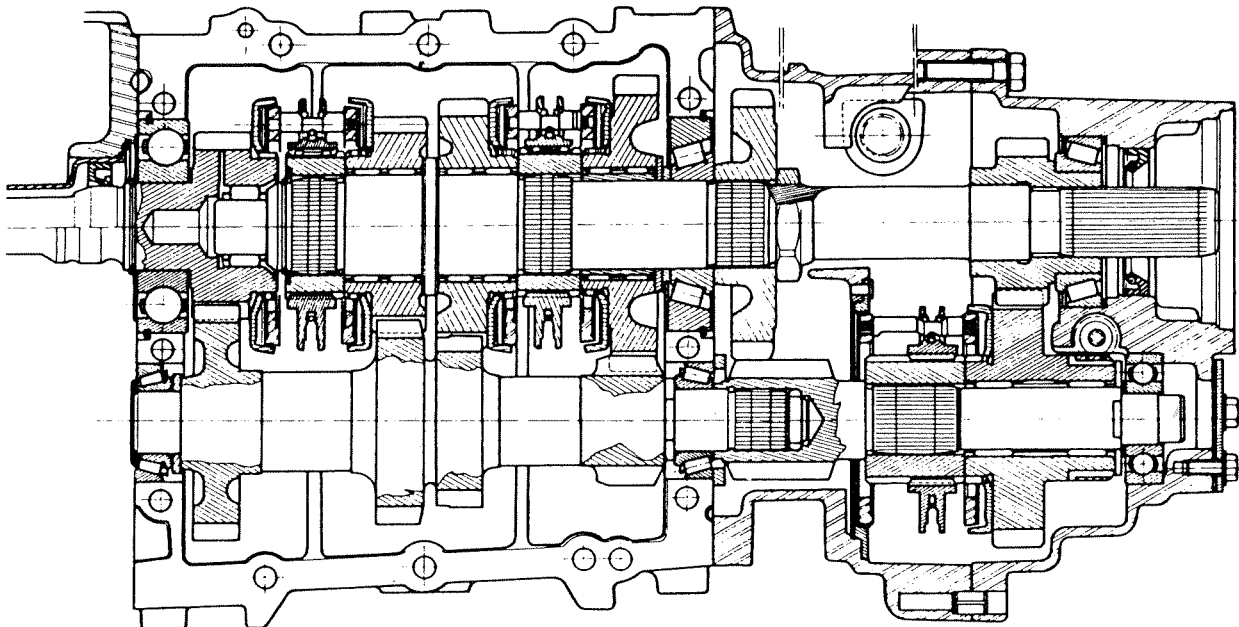
From serial numbers :

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 :

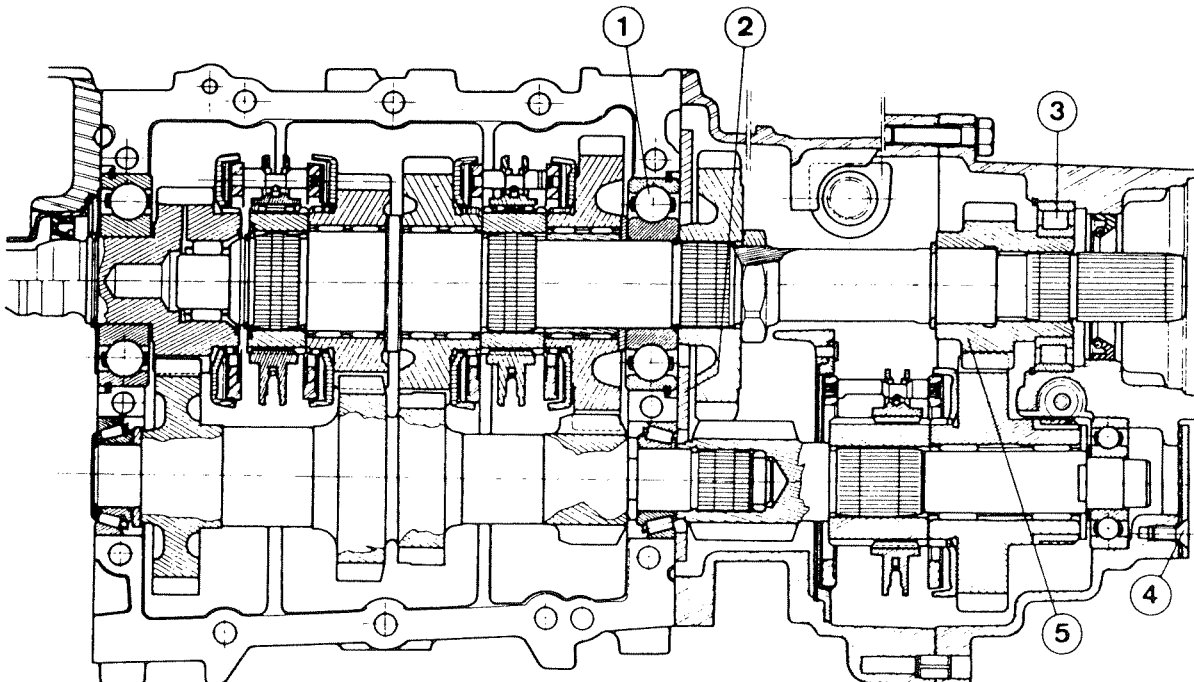
- Mainshaft taper roller bearings replaced by a deep track ball bearing and a parallel roller bearing.
- A stop plate for the 2 centre bearings added to the front housing.
- 3 slots added to the rear housing to allow extraction of the outer track of the parallel roller bearing and a bearing retaining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

BA10/5



EARLIER ASSEMBLY

BA10/5



LATER ASSEMBLY

- |                                     |  |
|-------------------------------------|--|
| 1 - Deep track ball bearing         | 4 - Rear plate secured with countersunk screws in place of hexagon head screws |
| 2 - Stop plate for centre bearings. | 5 - 5th speed driven gear modified to suit the width of the rear bearing.      |
| 3 - Parallel roller 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.