

Contents

00 - Technical data	1
1 Gearbox identification	1
2 General repair instructions	2
2.1 Special tools	2
2.2 Components	2
34 - Controls, housing	7
1 Dismantling and assembling gearbox	7
1.1 Overview of gearbox	7
1.2 Exploded view	8
1.3 Removing and installing gearbox cover and selector shaft - exploded view	9
1.4 Removing and installing 1st, 2nd and reverse gear - exploded view	11
1.5 Removing and installing input shaft, 3rd - 6th gear wheels, pinion shaft and selector rods - exploded view	14
1.6 Dismantling and assembling sequence	17
1.7 Renewing grooved ball bearing for input shaft with gearbox removed (gearbox remains assembled)	42
2 Servicing gearbox cover	46
3 Servicing gearbox housing	51
4 Servicing selector shaft	59
4.1 Renewing oil seal for selector shaft with gearbox removed (gearbox remains assembled)	59
35 - Gears, shafts	61
1 Input shaft	61
1.1 Input shaft - exploded view	61
1.2 Dismantling and assembling input shaft - assembly sequence	65
2 Pinion shaft	74
2.1 Pinion shaft - exploded view of components	74
2.2 Dismantling and assembling pinion shaft	78
2.3 Re-determining shim "S5" for positioning 4th gear wheel	79
2.4 Re-determining shim "S6" for positioning 2nd speed selector gear	80
39 - Final drive - differential	84
1 Renewing flange shaft oil seals	84
2 Removing and installing differential	85
3 Dismantling and assembling differential	89
4 Adjusting pinion shaft and crown wheel	96
4.1 Adjustment and marking of final drive gear set	96
4.2 Adjusting pinion shaft	99
4.3 Adjusting crown wheel	105