

Contents

00 - Technical data	1
1 Identification	1
1.1 Gearbox identification	1
2 Repair instructions	3
2.1 Contact corrosion	3
2.2 General repair instructions	3
3 Transmission layout	8
3.1 Transmission layout - front-wheel drive	8
3.2 Transmission layout - four-wheel drive	10
30 - Clutch	12
1 Clutch mechanism	12
1.1 Exploded view - clutch release mechanism	12
1.2 Removing and installing clutch slave cylinder together with release bearing	14
34 - Controls, housing	15
1 Securing to engine and gearbox support	15
2 Dismantling and assembling gearbox	16
2.1 Schematic overview - gearbox	16
2.2 Exploded view - gearbox	19
2.3 Exploded view - gearbox housing and selector mechanism	21
2.4 Exploded view - selector unit	24
2.5 Exploded view - input shaft, output shafts, differential and selector rods	25
2.6 Exploded view - selector forks	30
2.7 Servicing selector forks	31
2.8 Renewing selector shaft oil seal	32
2.9 Dismantling and assembling gearbox	33
3 Gearbox housing, clutch housing	63
3.1 Exploded view - gearbox housing	63
3.2 Exploded view - clutch housing	65
3.3 Servicing gearbox housing	69
3.4 Servicing clutch housing	77
35 - Gears, shafts	80
1 Input shaft	80
1.1 Exploded view - input shaft	80
1.2 Dismantling and assembling input shaft	82
1.3 Modifications in area of grooved ball bearing	86
1.4 Renewing input shaft oil seal	87
2 Output shaft	89
2.1 Exploded view - output shaft	89
2.2 Dismantling and assembling output shaft	94
2.3 Adjusting output shaft	126
39 - Final drive - differential	137
1 Oil seals	137
1.1 Renewing oil seal (left-side)	137
1.2 Renewing oil seal (right-side)	140
2 Differential	147
2.1 Exploded view - differential	147
2.2 Dismantling and assembling differential	152
2.3 Adjusting differential	162



3	Table of adjustments	166
4	Bevel box	167
4.1	Exploded view - bevel box	167
4.2	Removing and installing bevel box	169
4.3	Renewing oil seals for bevel box	171
4.4	Renewing output flange and re-determining shim for output flange	181
4.5	Renewing needle bearings (polygon bearings) and seal for needle bearing on flange shaft (right-side)	181