

Contents

00 - Technical data	1
1 Identification	1
1.1 Identification of gearbox	1
2 Repair instructions	2
2.1 General repair instructions	2
2.2 Contact corrosion	8
2.3 Use of impact wrenches	8
3 Technical data	10
3.1 Allocation of gearbox to engine	10
3.2 Capacities	10
4 Overview - power transmission	11
5 Electrical components	12
5.1 Overview of fitting locations - electrical components	12
30 - Clutch	13
1 Clutch mechanism	13
1.1 Assembly overview - clutch release mechanism	13
1.2 Removing and installing clutch slave cylinder together with release bearing	13
34 - Controls, housing	16
1 Selector mechanism	16
1.1 Renewing selector shaft oil seal	16
2 Removing and installing gearbox	18
3 Transporting gearbox	19
4 Gear oil	21
5 Securing to engine and gearbox support	22
6 Dismantling and assembling gearbox	23
6.1 Assembly overview - gearbox	23
6.2 Assembly overview - selector unit	25
6.3 Removing and installing selector unit	26
6.4 Dismantling and assembling gearbox	28
7 Gearbox housing, clutch housing	51
7.1 Assembly overview - gearbox housing	51
7.2 Assembly overview - clutch housing	54
7.3 Servicing gearbox housing	56
7.4 Servicing clutch housing	64
35 - Gears, shafts	71
1 Input shaft	71
1.1 Assembly overview - input shaft	71
1.2 Dismantling and assembling input shaft	74
1.3 Renewing input shaft oil seal	90
2 Output shaft	92
2.1 Assembly overview - output shaft	92
2.2 Dismantling and assembling output shaft	93
3 Reverse shaft	104
3.1 Assembly overview - reverse shaft	104
3.2 Dismantling and assembling reverse shaft	104
3.3 Adjusting reverse shaft	106
39 - Final drive - differential	111



1	Oil seals	111
1.1	Overview of fitting locations - oil seals	111
1.2	Renewing left oil seal	112
1.3	Renewing right oil seal	114
2	Differential	118
2.1	Adjusting differential	118
3	Table of adjustments	124