



Contents

00 - Technical data	1
1 Safety information	1
2 Identification	2
3 Technical data	3
3.1 Allocation gearbox - engine	3
3.2 Capacities	3
4 Overview - power transmission	4
5 Electrical components	5
6 Repair notes	6
6.1 General repair instructions	6
30 - Clutch	10
1 Clutch mechanism	10
1.1 Assembly overview - clutch release mechanism	10
1.2 Repairing clutch release mechanism	12
2 Clutch	14
2.1 Assembly overview - clutch	14
2.2 Removing and installing clutch	16
34 - Controls, housing	31
1 Selector mechanism	31
2 Removing and installing gearbox	32
3 Transporting gearbox	33
4 Gear oil	34
5 Securing to engine and gearbox support	35
6 Dismantling and assembling gearbox	37
6.1 Schematic overview - gearbox	37
6.2 Assembly overview - gearbox	37
6.3 Assembly overview - gearbox housing cover	38
6.4 Assembly overview - clutch housing	39
6.5 Assembly overview - shafts, differential, selector mechanism	40
6.6 Assembly overview - selector forks	42
6.7 Repairing selector forks	43
6.8 Dismantling and assembling gearbox	48
7 Gearbox housing, clutch housing	61
7.1 Assembly overview - gearbox housing and clutch housing	61
7.2 Repairing clutch housing	63
35 - Gears, shafts	66
1 Input shaft	66
1.1 Assembly overview - input shaft	66
1.2 Dismantling and assembling input shaft	68
1.3 Renewing input shaft seal	82
2 Output shaft	85
2.1 Assembly overview - output shaft	85
2.2 Dismantling and assembling output shaft	88
39 - Final drive - differential	96
1 Oil seals	96
2 Differential	97



2.1	Assembly overview - differential	97
2.2	Dismantling and assembling differential	98
2.3	Adjusting differential	110