



## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety information</b>	<b>1</b>
<b>2 Identification</b>	<b>2</b>
<b>3 Technical data</b>	<b>3</b>
3.1 Allocation gearbox - engine	3
3.2 Capacities	3
<b>4 Overview - power transmission</b>	<b>4</b>
4.1 Overview - power transmission - front-wheel drive	4
4.2 Overview - power transmission - all-wheel drive	5
<b>5 Electrical components</b>	<b>8</b>
<b>6 Repair instructions</b>	<b>9</b>
6.1 General repair instructions	9
<b>30 - Clutch</b>	<b>13</b>
<b>1 Clutch mechanism</b>	<b>13</b>
1.1 Assembly overview - clutch release mechanism	13
1.2 Removing and installing clutch slave cylinder together with release bearing	15
1.3 Repairing clutch release mechanism	17
<b>2 Clutch</b>	<b>20</b>
2.1 Assembly overview - clutch	20
2.2 Removing and installing clutch	23
<b>34 - Controls, housing</b>	<b>40</b>
<b>1 Selector mechanism</b>	<b>40</b>
<b>2 Removing and installing gearbox</b>	<b>41</b>
<b>3 Bevel box</b>	<b>42</b>
3.1 Distinguishing between different types of bevel boxes	42
3.2 Removing bevel box	42
3.3 Installing bevel box	42
<b>4 Front differential lock</b>	<b>43</b>
<b>5 Transporting gearbox</b>	<b>44</b>
5.1 Transporting manual gearbox	44
5.2 Transporting front differential lock	45
<b>6 Gear oil</b>	<b>46</b>
<b>7 Securing to engine and gearbox support</b>	<b>47</b>
7.1 Installing manual gearbox to engine and gearbox support	47
7.2 Installing bevel box or front differential lock to engine and gearbox support	48
<b>8 Dismantling and assembling gearbox</b>	<b>50</b>
8.1 Schematic overview - gearbox	50
8.2 Assembly overview - gearbox	53
8.3 Assembly overview - gearbox housing and selector mechanism	55
8.4 Assembly overview - shafts, differential, selector mechanism	58
8.5 Assembly overview - selector forks	62
8.6 Dismantling and assembling gearbox	63
<b>9 Gearbox housing, clutch housing</b>	<b>88</b>
9.1 Assembly overview - gearbox housing	88
9.2 Assembly overview - clutch housing	90
9.3 Repairing gearbox housing	92
9.4 Repairing clutch housing	102
<b>35 - Gears, shafts</b>	<b>106</b>



<b>1</b>	<b>Input shaft</b> .....	<b>106</b>
1.1	Assembly overview - input shaft .....	106
1.2	Dismantling and assembling input shaft .....	107
1.3	Renewing input shaft seal .....	113
<b>2</b>	<b>Output shaft</b> .....	<b>115</b>
2.1	Assembly overview - output shaft .....	115
2.2	Dismantling and assembling output shaft .....	122
2.3	Adjusting output shaft .....	152
<b>39</b>	<b>Final drive - differential</b> .....	<b>164</b>
<b>1</b>	<b>Oil seals</b> .....	<b>164</b>
1.1	Overview of fitting locations - seals .....	164
<b>2</b>	<b>Differential</b> .....	<b>167</b>
2.1	Assembly overview - differential .....	167
2.2	Dismantling and assembling differential .....	172
2.3	Adjusting differential .....	188
<b>3</b>	<b>Adjustment overview</b> .....	<b>194</b>
<b>4</b>	<b>Components of bevel box</b> .....	<b>195</b>
4.1	Assembly overview - components of bevel box .....	195
4.2	Renewing bevel box seals .....	200
4.3	Renewing output flange and redetermining thickness of shim .....	228
<b>5</b>	<b>Components of front differential lock</b> .....	<b>230</b>
5.1	Assembly overview - components of front differential lock .....	230
5.2	Checking function .....	232
5.3	Renewing seals for front differential lock .....	232
5.4	Renewing ball bearing for flange shaft .....	238
<b>6</b>	<b>Gear oil</b> .....	<b>243</b>
<b>7</b>	<b>Oil for front differential lock</b> .....	<b>244</b>