



Contents

00 - Technical data	1
1 Safety instructions	1
1.1 Safety measures for working on vehicles with high voltage system	1
1.2 Safety measures when working in the vicinity of high-voltage components	2
1.3 Safety precautions during road tests in which testing and measuring equipment is used	2
1.4 Safety precautions when working on cooling system	3
1.5 Safety measures during towing/tow-starting	3
2 Identification	4
2.1 Gearbox identification	4
3 Repair instructions	5
3.1 Rules of cleanliness	5
3.2 General repair instructions	5
3.3 Contact corrosion	6
3.4 Seals and sealing rings	6
3.5 Screws, nuts	7
4 Technical data	8
4.1 Filling capacity	8
4.2 Allocation gearbox - engine	8
34 - Controls, housing	9
1 Shift mechanism	9
1.1 Summary of components - Gearshift mechanism	9
1.2 Emergency release out of P position	12
1.3 Removing and installing selector mechanism	13
1.4 Inspecting the gearshift mechanism	19
1.5 Removing and installing the selector lever control cable	21
1.6 Inspecting and adjusting the selector lever control cable	27
1.7 Removing and installing selector lever handle	31
1.8 Installing the lock button in the selector lever handle	35
1.9 Replacing the sealing ring for the gearshift shaft	37
2 Removing and installing the gearbox	40
3 Assembly bracket	41
3.1 Assembly overview - assembly mountings	41
3.2 Removing and installing the cross member for the AC drive VX54	43
3.3 Removing and installing gearbox mount	45
3.4 Removing and installing engine mount	50
4 Transporting the gearbox	57
5 Gear oil	59
5.1 Checking gear oil level	59
39 - Final drive - differential	60
1 Sealing rings	60
1.1 Installation overview - sealing rings	60
1.2 Replacing left sealing ring	60
1.3 Replacing right sealing ring	62