

Contents

00 - Technical data	1
1 Identification	1
1.1 Identification of final drive	1
2 Technical data	3
2.1 Allocation: rear final drive - engine	3
2.2 Capacities	7
3 Transmission layout	9
3.1 Transmission layout - four-wheel drive	9
4 Repair instructions	11
4.1 General repair instructions	11
4.2 Gear oil and oil for Haldex coupling	13
4.3 Contact corrosion	14
5 Safety precautions	15
5.1 General safety precautions	15
5.2 Safety precautions when working on vehicles with start/stop system	18
6 Electrical components	19
6.1 Overview of fitting locations - electrical components	19
39 - Final drive - rear differential	22
1 Propshaft	22
1.1 Exploded view - propshaft	22
1.2 Removing and installing propshaft	26
1.3 Removing and installing flexible coupling (rear)	43
1.4 Dismantling and assembling propshaft	49
2 Final drive	54
2.1 Exploded view - final drive	54
2.2 Removing and installing final drive	55
3 Oil seals	72
3.1 Renewing oil seal (left-side)	72
3.2 Renewing oil seal (right-side)	74
3.3 Renewing oil seal for propshaft flange	74
4 Assembly mountings	78
4.1 Exploded view - assembly mountings	78
4.2 Removing and installing bonded rubber bushes	79
5 Haldex coupling	83
5.1 Function test	83
5.2 Exploded view - Haldex coupling	86
5.3 Removing and installing Haldex coupling	87
5.4 Dismantling and assembling Haldex coupling	90
5.5 Removing and installing control unit	108
6 High performance oil for Haldex coupling	118
6.1 Checking oil level for Haldex coupling	118
6.2 Topping up high performance oil in Haldex coupling	119
6.3 Changing high performance oil for Haldex coupling	122
7 Gear oil	124
7.1 Checking gear oil level	124