

Contents

00 - Technical data	1
1 Identification	1
1.1 Identification of final drive	1
1.2 Four-wheel drive coupling identification	2
2 Technical data	4
2.1 Allocation: rear final drive - engine	4
2.2 Capacities	6
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 four-wheel drive coupling	13
4.3 Contact corrosion	13
5 Safety precautions	15
5.1 General safety precautions	15
5.2 Safety precautions when using testers and measuring instruments during a road test	15
5.3 Safety precautions when working on vehicles with start/stop system	15
6 Electrical components	17
6.1 Overview of fitting locations - electrical components	17
39 - Final drive - rear differential	19
1 Propshaft	19
1.1 Exploded view - propshaft	19
1.2 Removing and installing propshaft	23
1.3 Removing and installing flexible coupling (rear)	46
2 Final drive	52
2.1 Exploded view - final drive	52
2.2 Removing and installing final drive	52
3 Oil seals	79
3.1 Overview of fitting locations - oil seals	79
3.2 Renewing oil seal (left-side)	80
3.3 Renewing oil seal (right-side)	85
3.4 Renewing oil seal for propshaft flange	90
4 Assembly mountings	100
4.1 Exploded view - assembly mountings	100
4.2 Removing and installing bonded rubber bushes	102
5 Four-wheel drive coupling	109
5.1 Function test	109
5.2 Exploded view - four-wheel drive coupling	109
5.3 Removing and installing four-wheel drive coupling	113
5.4 Removing and installing all-wheel drive coupling pump	126
5.5 Removing and installing control unit	132
6 High-performance oil for four-wheel drive coupling	138
6.1 Checking oil level for four-wheel drive coupling	138
6.2 Filling up high-performance oil for four-wheel drive coupling	139
6.3 Changing high-performance oil for four-wheel drive coupling	142
7 Gear oil	143
7.1 Overview of fitting locations - drain and inspection plugs	143
7.2 Checking gear oil level	143
7.3 Draining and filling gear oil	145