



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety precautions when using testers and measuring instruments during a road test	1
1.2 Safety measures when working on vehicles with a start/stop system	2
2 Identification	3
2.1 Identification of final drive	3
3 Repair instructions	5
3.1 General repair instructions	5
3.2 Gaskets and seals	6
3.3 Nuts and bolts	6
4 Technical data	8
4.1 Capacities	8
5 Electrical components	10
5.1 Overview of fitting locations - electrical components	10
39 - Final drive - rear differential	12
1 Final drive	12
1.1 Assembly overview - final drive	12
1.2 Removing and installing final drive	13
2 Assembly mountings	73
2.1 Assembly overview - assembly mountings	73
2.2 Removing and installing bonded rubber bush	76
3 Gear oil	85
3.1 Checking gear oil level	85
4 Oil seals	87
4.1 Overview of fitting locations - oil seals	87
4.2 Renewing right seal	87
4.3 Renewing left seal	93
4.4 Renewing seal for propshaft flange on rear final drive	99
5 All-wheel drive coupling	108
5.1 Assembly overview – all-wheel drive coupling	108
5.2 Checking function	113
5.3 Checking fluid level in all-wheel drive coupling	113
5.4 Draining and filling high performance fluid for all-wheel drive coupling	114
5.5 Removing and installing all-wheel drive coupling pump V181	117
5.6 Removing and installing all-wheel drive coupling	123
5.7 Removing and installing four-wheel drive control unit J492	137
6 Propshaft	142
6.1 Assembly overview – propshaft	142
6.2 Removing and installing propshaft	146
6.3 Removing and installing front flexible coupling	176
6.4 Removing and installing rear flexible coupling	178

