



Contents

00 - Technical data	1
1 Safety information	1
1.1 General safety provisions	1
1.2 Safety precautions when using testers and measuring instruments during a road test	2
1.3 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	4
3.1 General repair instructions	4
3.2 Gaskets and seals	5
3.3 Nuts and bolts	6
4 Technical data	7
4.1 Capacities	7
5 Electrical components	8
5.1 Overview of fitting locations - electrical components	8
39 - Final drive - rear differential	9
1 Final drive	9
1.1 Assembly overview - final drive	9
1.2 Removing and installing final drive	9
2 Assembly mountings	20
2.1 Assembly overview - assembly mountings	20
2.2 Removing and installing bonded rubber bush	21
3 Gear oil	27
3.1 Overview of fitting locations - oil drain and inspection plugs	27
3.2 Checking gear oil level	27
4 Oil seals	30
4.1 Overview of fitting locations - oil seals	30
4.2 Renewing right seal	30
4.3 Renewing left seal	34
4.4 Renewing seal for propshaft flange on rear final drive	37
5 All-wheel drive coupling	47
5.1 Assembly overview – all-wheel drive coupling	47
5.2 Checking function	49
5.3 Checking fluid level in all-wheel drive coupling	49
5.4 Draining and filling high performance fluid for all-wheel drive coupling	51
5.5 Removing and installing all-wheel drive coupling pump V181	53
5.6 Removing and installing all-wheel drive coupling	56
5.7 Removing and installing four-wheel drive control unit J492	64
6 Propshaft	65
6.1 Assembly overview – propshaft	65
6.2 Removing and installing propshaft	67
6.3 Removing and installing front flexible coupling	74
6.4 Removing and installing rear flexible coupling	75