



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety measures when working on vehicles with a start/stop system	1
1.2 Safety precautions when using test instruments and measuring equipment during a road test	1
2 Repair notes	2
2.1 Rules for cleanliness	2
2.2 General repair instructions	2
2.3 Repair notes	3
2.4 Gaskets and seals	3
2.5 Nuts and bolts	4
3 Technical data	5
3.1 Capacities	5
4 Identification	6
4.1 Gearbox identification	6
5 Overview of fitting locations - electrical components	7
5.1 Overview of fitting locations - electrical components	7
39 - Final drive - rear differential	8
1 Final drive	8
1.1 Assembly overview – final drive	8
1.2 Removing and installing final drive	8
2 Assembly mountings	11
2.1 Assembly overview – assembly mountings	11
2.2 Removing and installing bonded rubber mounting	13
3 Gear oil	19
3.1 Oil filler plugs – overview	19
3.2 Checking oil level in clutch chamber	19
3.3 Draining and filling oil in clutch chamber	22
3.4 Checking oil level in hypoid chamber	25
4 Oil seals	28
4.1 Removing and installing seals	28
5 All-wheel drive coupling	35
5.1 Removing and installing control motor for selective wheel torque control, rear axle	35
6 Propshaft	37
6.1 Assembly overview – propshaft	37
6.2 Removing and installing propshaft	38
6.3 Removing and installing propshaft from final drive	42
6.4 Removing and installing front flexible coupling	45
6.5 Removing and installing rear flexible coupling	46