



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 notes | 5 |
| 3.1 General repair instructions | 5 |
| 3.2 Gaskets and seals | 6 |
| 3.3 Nuts and bolts | 7 |
| 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 | 74 |
| 2.1 Assembly overview - assembly mountings | 74 |
| 2.2 Removing and installing bonded rubber bush | 76 |
| 3 Gear oil | 86 |
| 3.1 Checking gear oil level | 86 |
| 4 Oil seals | 88 |
| 4.1 Overview of fitting locations - seals | 88 |
| 4.2 Renewing right seal | 88 |
| 4.3 Renewing left seal | 94 |
| 4.4 Renewing seal for propshaft flange on rear final drive | 100 |
| 5 All-wheel drive coupling | 109 |
| 5.1 Assembly overview – all-wheel drive coupling | 109 |
| 5.2 Checking function | 114 |
| 5.3 Checking fluid level in all-wheel drive coupling | 114 |
| 5.4 Draining and filling high performance fluid for all-wheel drive coupling | 115 |
| 5.5 Removing and installing all-wheel drive coupling pump V181 | 118 |
| 5.6 Removing and installing all-wheel drive coupling | 124 |
| 5.7 Removing and installing four-wheel drive control unit J492 | 139 |
| 6 Propshaft | 145 |
| 6.1 Assembly overview – propshaft | 145 |
| 6.2 Removing and installing propshaft | 149 |
| 6.3 Removing and installing front flexible coupling | 180 |
| 6.4 Removing and installing rear flexible coupling | 183 |