



## Contents

<b>00 - Technical data</b>	1
<b>1 Safety information</b>	1
1.1 Safety measures when working on vehicles with start/stop system	1
1.2 Safety precautions when using testers and measuring instruments during a road test	1
<b>2 Repair instructions</b>	2
2.1 Rules for cleanliness	2
2.2 Contact corrosion	2
2.3 Routing and attachment of lines	2
<b>98 - Assist systems</b>	3
<b>1 Fitting locations</b>	3
1.1 Overview of fitting locations - senders, sensors and control units in front area of vehicle	3
1.2 Overview of fitting locations - senders, sensors and control units in centre section of vehicle	4
1.3 Overview of fitting locations - senders, sensors and control units in rear section of vehicle	5
<b>2 Senders/sensors/control units</b>	7
2.1 Removing and installing rear parking aid senders G203/G204/G205/G206	7
2.2 Removing and installing front parking aid senders G252/G253/G254/G255	9
2.3 Removing and installing front park assist steering sender G568/G569	11
2.4 Removing and installing rear park assist steering sender G716/G717	12
2.5 Removing and installing adaptive cruise control unit J428	13
2.6 Removing and installing parking aid control unit J446	13
2.7 Removing and installing lane change assist control unit J769 / J770	14
2.8 Removing and installing lane change assist warning lamp in exterior mirror K312 / K311	15
2.9 Removing and installing reversing camera R189	16
2.10 Removing and installing front camera for driver assist systems R242	17
2.11 Removing and installing windscreen heater for lane departure warning Z67	18
<b>3 Adaptive cruise control</b>	19
3.1 Components of adaptive cruise control	19
3.2 Adjusting adaptive cruise control	19
<b>4 Parking aid/park assist steering/autonomous parking system</b>	20
4.1 Components of parking aid/park assist steering/autonomous parking system	20
<b>5 Front camera for driver assist systems R242</b>	21
5.1 Components of front camera for assist systems	21
5.2 Assembly overview - front camera for driver assist systems R242	21
5.3 Calibrating front camera for driver assist systems R242	22
<b>6 Reversing camera</b>	23
6.1 Components of reversing camera system	23
6.2 Calibrating reversing camera	23
<b>7 Lane change assist</b>	30
7.1 Components of lane change assist	30
7.2 Calibrating lane change assist	30