

## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety precautions</b>	<b>1</b>
1.1 Safety precautions when working on high-voltage vehicles	1
1.2 Safety precautions when working on the fuel system	3
1.3 Safety precautions when working on vehicles with start/stop system	4
1.4 Safety precautions when using testers and measuring instruments during a road test	5
<b>2 Repair instructions</b>	<b>6</b>
2.1 Rules for cleanliness	6
2.2 Test conditions	6
2.3 Contact corrosion	6
2.4 Routing and attachment of pipes, hoses and wiring	7
<b>20 - Fuel supply system</b>	<b>8</b>
<b>1 Fuel tank</b>	<b>8</b>
1.1 Exploded view - fuel tank	8
1.2 Draining fuel tank	10
1.3 Removing and installing fuel tank	12
<b>2 Fuel delivery unit/fuel gauge senders</b>	<b>18</b>
2.1 Exploded view - fuel delivery unit/fuel gauge senders	18
2.2 Removing and installing fuel delivery unit/fuel gauge senders	22
2.3 Filling and bleeding fuel system	27
2.4 Removing and installing fuel pressure regulator	28
2.5 Checking fuel gauge sender G	32
2.6 Removing and installing fuel gauge sender G	34
2.7 Checking fuel gauge sender 2 G169	39
2.8 Removing and installing fuel gauge sender 2 G169	42
2.9 Checking fuel gauge sender 3 G237	47
2.10 Removing and installing fuel gauge sender 3 G237	50
<b>3 Fuel filter</b>	<b>61</b>
3.1 Exploded view - fuel filter	61
3.2 Removing and installing fuel filter	62
<b>4 Activated charcoal filter system</b>	<b>63</b>
4.1 Connection diagram - activated charcoal filter system	63
4.2 Exploded view - activated charcoal filter system	65
4.3 Removing and installing activated charcoal filter	69
4.4 Removing and installing honeycomb filter	71
4.5 Fuel tank leak detection	73
4.6 Removing and installing control unit for fuel tank leak detection J909	73
4.7 Removing and installing tank pressure sensor G400	74
4.8 Removing and installing air filter for tank pressure sensor G400	74
<b>5 Fuel pump</b>	<b>76</b>
5.1 Checking fuel system pressurisation pump G6	76
5.2 Removing and installing fuel pump control unit J538	82
<b>6 Accelerator mechanism</b>	<b>83</b>
6.1 Exploded view - accelerator pedal module	83
6.2 Removing and installing accelerator pedal module with accelerator position sender G79 / G185	84