

## Contents

<b>00 - Technical data</b> .....	<b>1</b>
<b>1 Safety information</b> .....	<b>1</b>
1.1 Safety precautions when working on the high-voltage system .....	1
1.2 Safety precautions when working in the vicinity of high-voltage components .....	2
1.3 Safety precautions when working on the fuel system .....	2
1.4 Safety precautions when working on vehicles with start/stop system .....	3
1.5 Safety precautions when using testers and measuring instruments during a road test .....	3
1.6 Safety precautions when working on the SCR system .....	3
<b>2 Repair instructions</b> .....	<b>5</b>
2.1 Rules for cleanliness .....	5
2.2 Test conditions .....	5
2.3 Contact corrosion .....	6
2.4 Routing and attachment of pipes, hoses and wiring .....	6
2.5 Identification plates .....	6
2.6 Use of impact wrenches .....	6
2.7 Nuts, bolts .....	7
2.8 Checking fuel system for leaks .....	8
<b>20 - Fuel supply system</b> .....	<b>9</b>
<b>1 Safety information</b> .....	<b>9</b>
<b>2 Fuel tank</b> .....	<b>10</b>
2.1 Assembly overview - fuel tank .....	10
2.2 Draining fuel tank .....	15
2.3 Removing and installing fuel tank .....	19
2.4 Removing and installing misfuelling prevention device .....	25
2.5 Deactivating misfuelling prevention device .....	29
<b>3 Fuel delivery unit/fuel gauge senders</b> .....	<b>30</b>
3.1 Assembly overview - fuel delivery unit/fuel gauge senders .....	30
3.2 Removing and installing fuel delivery unit .....	32
3.3 Removing and installing fuel gauge sender G .....	38
<b>4 Plug-in connectors</b> .....	<b>40</b>
4.1 Disconnecting plug-in connectors .....	40
<b>5 Fuel filter</b> .....	<b>44</b>
5.1 Assembly overview - fuel filter .....	44
5.2 Removing and installing fuel filter .....	45
5.3 Removing and installing water level sender G120 .....	47
<b>6 Accelerator mechanism</b> .....	<b>48</b>
6.1 Assembly overview - accelerator pedal module .....	48
6.2 Removing and installing accelerator pedal module GX2 .....	50
<b>7 Fuel pump</b> .....	<b>54</b>
7.1 Checking fuel system pressurisation pump G6 .....	54
7.2 Removing and installing suction-jet pump .....	60
7.3 Removing and installing fuel pump control unit J538 .....	61