



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety regulations for working on fuel supply	1
1.2 Safety precautions when using testers and measuring instruments during a road test	1
1.3 Safety measures when working on vehicles with a start/stop system	2
2 Identification	3
2.1 Engine number/engine data	3
3 General information	4
3.1 Rules for cleanliness when working on auxiliary/supplementary heater and fuel system	4
4 Repair instructions	5
4.1 Routing and attachment of lines	5
4.2 General repair instructions	5
20 - Fuel supply system	6
1 Fuel	6
1.1 Assembly overview - fuel tank	6
1.2 Removing and installing fuel tank	12
1.3 Emptying fuel tank	36
2 Fuel delivery unit, fuel gauge sender	52
2.1 Assembly overview - fuel delivery unit/fuel gauge sender	52
2.2 Removing and installing fuel delivery unit, fuel gauge sender	61
2.3 Removing and installing fuel gauge sender G	75
2.4 Removing and installing fuel gauge sender 2 G169	76
2.5 Removing and installing assembly opening cover	82
3 Plug-in connectors	84
3.1 Separating plug-in connectors	84
4 Fuel filter	91
5 Activated charcoal filter system	92
5.1 Connection diagram - activated charcoal filter system	92
5.2 Assembly overview – activated charcoal filter system	95
5.3 Removing and installing activated charcoal filter	98
5.4 Removing and installing fuel system diagnosis pump	101
5.5 Removing and installing air filter for activated charcoal filter system	102
5.6 Checking fuel tank breather, vehicles without fuel tank leak diagnosis	103
5.7 Checking fuel system for leaks, vehicles with fuel tank leak diagnosis	109
6 Accelerator pedal	120
6.1 Assembly overview - accelerator module	120
6.2 Removing and installing accelerator pedal module GX2	120
7 Fuel pump	122
7.1 Checking fuel system pressurisation pump G6	122
7.2 Removing and installing suction-jet pump	139
7.3 Removing and installing fuel pump control unit J538	141
7.4 Checking suction-jet pump	143
8 Senders and sensors	145
8.1 Assembly overview - fuel quality sender	145
8.2 Removing and installing fuel quality sender G446	145
9 Wiring	148
9.1 Removing and installing fuel lines	148