



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	5
3.1 Rules for cleanliness when working on auxiliary heater and fuel system	5
4 Repair instructions	6
4.1 Routing and attachment of lines	6
4.2 General repair instructions	6
20 - Fuel supply system	7
1 Fuel	7
1.1 Assembly overview - fuel tank	7
1.2 Removing and installing fuel tank	14
1.3 Emptying fuel tank	37
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	74
2.4 Removing and installing fuel gauge sender 2 G169	76
2.5 Removing and installing assembly opening cover	81
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	102
5.5 Checking fuel tank breather, vehicles without fuel tank leak diagnosis	103
5.6 Checking fuel system for leaks, vehicles with fuel tank leak diagnosis	109
6 Accelerator pedal	121
6.1 Assembly overview - accelerator module	121
6.2 Removing and installing accelerator pedal module GX2	121
7 Fuel supply	123
7.1 Checking fuel system pressurisation pump G6, EA888evo	123
7.2 Checking fuel system pressurisation pump G6, EA211, EA888	131
7.3 Removing and installing suction-jet pump	147
7.4 Removing and installing fuel pump control unit J538	149
7.5 Checking suction-jet pump	151
8 Senders and sensors	153
8.1 Assembly overview - fuel quality sender	153
8.2 Removing and installing fuel quality sender G446	154
9 Fuel lines	155
9.1 Removing and installing fuel lines	155