



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 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	14
1.3 Emptying fuel tank	46
2 Fuel delivery unit, fuel gauge sender	66
2.1 Assembly overview - fuel delivery unit/fuel gauge sender	66
2.2 Removing and installing fuel delivery unit, fuel gauge sender	70
2.3 Removing and installing fuel gauge sender G	76
3 Lines	78
3.1 Removing and installing fuel lines	78
4 Plug-in connectors	83
4.1 Separating plug-in connectors	83
5 Fuel filter	89
5.1 Assembly overview – fuel filter	89
5.2 Removing and installing fuel filter	90
6 Activated charcoal filter system	92
6.1 Connection diagram - activated charcoal filter system	92
6.2 Assembly overview – activated charcoal filter system	98
6.3 Removing and installing activated charcoal filter	104
6.4 Removing and installing fuel system diagnosis pump	110
6.5 Removing and installing air filter for activated charcoal filter	113
6.6 Removing and installing fuel tank shut-off valve N288 with tank pressure sensor G400	116
6.7 Checking fuel tank breather	116
6.8 Checking fuel system for leaks, vehicles with fuel tank leak diagnosis	123
7 Accelerator pedal	136
7.1 Assembly overview - accelerator module	136
7.2 Removing and installing accelerator module with accelerator position sender G79/G185	136
8 Fuel supply	138
8.1 Checking fuel system pressurisation pump G6	138
8.2 Removing and installing fuel pump control unit J538	186