



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety precautions when working on fuel system	1
1.2 Safety precautions when using testers and measuring instruments during a road test	2
1.3 Safety precautions when working on vehicles with a start/stop system	2
1.4 Safety precautions when working on vehicles with high-voltage system	2
1.5 Safety precautions when working in the vicinity of high-voltage components	4
2 Identification	5
2.1 Engine number/engine data	5
3 General information	6
3.1 Rules for cleanliness when working on auxiliary/supplementary heater and fuel system	6
4 Repair instructions	7
4.1 Routing and attachment of lines	7
4.2 General repair notes	7
20 - Fuel supply system	8
1 Fuel	8
1.1 Assembly overview - fuel tank	8
1.2 Removing and installing fuel tank	10
1.3 Emptying fuel tank	15
2 Fuel delivery unit, fuel gauge sender	24
2.1 Assembly overview - fuel delivery unit/fuel gauge sender	24
2.2 Removing and installing fuel delivery unit, fuel gauge sender	27
2.3 Removing and installing fuel gauge sender G	32
2.4 Removing and installing assembly opening cover	33
3 Plug-in connectors	35
3.1 Separating plug-in connectors	35
4 Activated charcoal filter system	42
4.1 Connection diagram - activated charcoal filter system	42
4.2 Assembly overview – activated charcoal filter system	43
4.3 Removing and installing activated charcoal filter	47
4.4 Removing and installing air filter for activated charcoal filter system	49
4.5 Removing and installing fresh air connection for activated charcoal filter	49
4.6 Removing and installing tank shut-off valve N288	50
4.7 Checking fuel tank breather	50
5 Accelerator pedal	58
5.1 Assembly overview - accelerator module	58
5.2 Removing and installing accelerator pedal module GX2	58
6 Fuel pump	60
6.1 Checking fuel system pressurisation pump G6	60
6.2 Removing and installing fuel pump control unit J538	74
7 Senders and sensors	76
7.1 Removing and installing tank pressure sensor G400	76
8 Lines	78
8.1 Removing and installing fuel lines	78
8.2 Removing and installing fuel line for auxiliary/supplementary heater	84