



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety regulations for working on fuel supply	1
1.2 Safety measures when working on vehicles with a start/stop system	2
1.3 Safety precautions when using testers and measuring instruments during a road test	2
1.4 Safety precautions when working on SCR system	2
1.5 Safety precautions when working on the exhaust system	3
2 Identification	4
2.1 Engine number/engine data	4
3 General information	6
3.1 Rules for cleanliness when working on auxiliary/supplementary heater and fuel system	6
4 Repair notes	7
4.1 Routing and attachment of lines	7
4.2 General repair instructions	7
4.3 Checking vacuum system	7
4.4 Assessing quality of diesel fuel	8
20 - Fuel supply system	10
1 Procedure in event of misfuelling	10
1.1 Procedure in event of misfuelling	10
2 Fuel	17
2.1 Assembly overview - fuel tank	17
2.2 Draining fuel tank	24
2.3 Removing and installing fuel tanks	27
3 Fuel delivery unit, fuel gauge sender	40
3.1 Assembly overview - fuel delivery unit/fuel gauge sender	40
3.2 Removing and installing fuel delivery unit, fuel gauge sender	42
3.3 Removing and installing fuel gauge sender G	44
4 Plug-in connectors	46
4.1 Disconnecting plug-in connectors	46
5 Fuel filter	53
5.1 Assembly overview - fuel filter	53
5.2 Removing and installing fuel filter	60
5.3 Removing and installing water separator sender G63	65
6 Accelerator mechanism	66
6.1 Assembly overview - accelerator pedal module	66
6.2 Removing and installing accelerator module with accelerator position sender G79/G185	66
7 Fuel pump	68
7.1 Checking fuel system pressurisation pump G6	68
7.2 Supplementary fuel pump V393	76
7.3 Removing and installing fuel pump control unit J538	83