

Contents

00 - Technical data	1
1 Safety precautions	1
1.1 Safety precautions when working on the fuel system	1
2 Repair instructions	3
2.1 Rules for cleanliness	3
2.2 Test conditions	3
2.3 Contact corrosion	3
20 - Fuel supply system	5
1 Fuel tank	5
1.1 Exploded view - fuel tank	5
1.2 Draining fuel tank	10
1.3 Removing and installing fuel tank	22
2 Fuel delivery unit/fuel gauge sender	35
2.1 Exploded view - fuel delivery unit/fuel gauge sender	35
2.2 Removing and installing fuel delivery unit/fuel gauge sender	38
2.3 Checking fuel gauge sender G	48
2.4 Removing and installing fuel gauge sender G	54
3 Fuel filter	56
3.1 Exploded view - fuel filter	56
3.2 Removing and installing fuel filter	58
4 Activated charcoal filter system	60
4.1 Connection diagram - activated charcoal filter system	60
4.2 Exploded view - activated charcoal filter system	64
4.3 Removing and installing activated charcoal filter	70
4.4 Removing and installing fuel system diagnostic pump	74
4.5 Removing and installing tank pressure sensor	75
4.6 Removing and installing air filter for tank leak diagnostic system	76
4.7 Tank leak diagnostic system	79
4.8 Removing and installing honeycomb filter	83
4.9 Removing and installing control unit for fuel tank leak detection	87
5 Accelerator mechanism	89
5.1 Exploded view - accelerator pedal module	89
5.2 Removing and installing accelerator pedal module with accelerator position sender G79 / G185	90
6 Fuel pump	91
6.1 Checking fuel system pressurisation pump G6	91
6.2 Removing and installing fuel pump control unit J538	130
6.3 Checking fuel pump control unit J538	131
7 Bleeding fuel system	132
7.1 Bleeding fuel system	132
7.2 Bleeding fuel supply line leading to metering pump	132