



## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety information and repair notes</b>	<b>1</b>
1.1 Safety information	1
1.2 Repair instructions	1
<b>2 Technical data</b>	<b>2</b>
2.1 Test and adjustment values	2
<b>3 Electrical components</b>	<b>3</b>
3.1 Access to diagnoses	3
<b>20 - Fuel supply system</b>	<b>4</b>
<b>1 Safety information and repair notes</b>	<b>4</b>
1.1 Safety information	4
1.2 Repair instructions	4
<b>2 Fuel tank, Passat</b>	<b>5</b>
2.1 Assembly overview – fuel tank, front-wheel drive	5
2.2 Assembly overview – fuel tank, all-wheel drive	6
2.3 Emptying fuel tank	8
2.4 Removing and installing fuel tank, front-wheel drive	17
2.5 Removing and installing fuel tank, four-wheel drive	23
2.6 Renewing seal for cap	30
2.7 Checking earth cable on filler neck of fuel tank	31
<b>3 Fuel tank, front-wheel drive, Golf, T-Roc</b>	<b>33</b>
3.1 Assembly overview – fuel tank, torsion beam axle	33
3.2 Assembly overview – fuel tank, multi-link rear suspension	35
3.3 Emptying fuel tank	37
3.4 Removing and installing fuel tank, torsion beam axle	46
3.5 Removing and installing fuel tank, multi-link rear suspension	52
3.6 Renewing seal for cap	59
3.7 Checking earth cable on filler neck of fuel tank	60
<b>4 Fuel tank, all-wheel drive, Golf, T-Roc</b>	<b>62</b>
4.1 Assembly overview - fuel tank	62
4.2 Emptying fuel tank	64
4.3 Removing and installing fuel tank	73
4.4 Renewing seal for cap	80
4.5 Checking earth cable on filler neck of fuel tank	81
<b>5 Fuel tank, all-wheel drive, Tiguan</b>	<b>83</b>
5.1 Assembly overview - fuel tank	83
5.2 Emptying fuel tank	85
5.3 Removing and installing fuel tank	94
5.4 Renewing seal for cap	101
5.5 Checking earth cable on filler neck of fuel tank	102
<b>6 Fuel tank, front-wheel drive, Touran, Tiguan</b>	<b>103</b>
6.1 Assembly overview - fuel tank	103
6.2 Emptying fuel tank	105
6.3 Removing and installing fuel tank	114
6.4 Renewing seal for cap	120
6.5 Checking earth cable on filler neck of fuel tank	121
<b>7 Fuel tank; Fuel tank leak detection</b>	<b>123</b>
7.1 Assembly overview - fuel tank	123
7.2 Emptying fuel tank	125
7.3 Removing and installing fuel tank	134
7.4 Checking earth cable on filler neck of fuel tank	141



<b>8</b>	<b>Fuel delivery unit/fuel gauge sender</b> .....	<b>143</b>
8.1	Assembly overview - fuel delivery unit/fuel gauge sender, vehicles with front-wheel drive ..	143
8.2	Assembly overview - fuel delivery unit/fuel gauge sender, vehicles with four-wheel drive ..	144
8.3	Removing and installing fuel delivery unit/fuel gauge sender, vehicles with front-wheel drive .....	146
8.4	Removing and installing fuel delivery unit/fuel gauge sender, vehicles with four-wheel drive .....	151
8.5	Removing and installing fuel gauge sender [G] .....	158
8.6	Removing and installing fuel gauge sender 2 [G169] .....	161
8.7	Removing and installing assembly opening cover .....	164
<b>9</b>	<b>Plug-in connectors</b> .....	<b>166</b>
9.1	Disconnecting plug-in connectors .....	166
<b>10</b>	<b>Activated charcoal filter with fuel tank leak detection</b> .....	<b>171</b>
10.1	Connection diagram – activated charcoal filter system .....	171
10.2	Assembly overview – activated charcoal filter system .....	172
10.3	Removing and installing activated charcoal filter .....	174
10.4	Checking fuel system for leaks .....	176
10.5	Removing and installing fuel system diagnostic pump .....	186
10.6	Removing and installing air filter for activated charcoal filter .....	187
10.7	Removing and installing control unit for fuel tank leak detection [J909] .....	187
<b>11</b>	<b>Activated charcoal filter system</b> .....	<b>189</b>
11.1	Connection diagram – activated charcoal filter system .....	189
11.2	Assembly overview – activated charcoal filter system .....	192
11.3	Removing and installing activated charcoal filter .....	193
11.4	Checking fuel tank breather .....	195
<b>12</b>	<b>Accelerator mechanism</b> .....	<b>202</b>
12.1	Assembly overview – accelerator pedal module .....	202
12.2	Removing and installing accelerator pedal module [GX2] .....	202
<b>13</b>	<b>Fuel pump</b> .....	<b>204</b>
13.1	Checking fuel system pressurisation pump [G6], EA888evo4 .....	204
13.2	Checking fuel system pressurisation pump [G6], EA211, EA888 .....	208
13.3	Connecting test instrument adapter for voltage measurement at fuel delivery unit .....	219
13.4	Connecting remote control .....	220
13.5	Removing and installing fuel pump control unit [J538] .....	222
13.6	Checking suction-jet pump .....	223
<b>14</b>	<b>Fuel lines</b> .....	<b>225</b>
14.1	Removing and installing fuel line for auxiliary/supplementary heater .....	225
14.2	Removing and installing fuel lines .....	227
<b>15</b>	<b>Senders and sensors</b> .....	<b>233</b>
15.1	Assembly overview – fuel quality sender .....	233
15.2	Removing and installing fuel quality sender .....	233