

Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety precautions when working on the fuel system	1
1.2 Safety precautions when working on vehicles with 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 the SCR system	2
2 Repair instructions	4
2.1 Rules for cleanliness	4
2.2 General notes	4
2.3 Test conditions	5
2.4 Contact corrosion	5
2.5 Routing and attachment of pipes, hoses and wiring	5
2.6 Identification plates	5
2.7 Use of impact wrenches	6
20 - Fuel supply system	7
1 Fuel tank	7
1.1 Assembly overview - fuel tank	7
1.2 Draining fuel tank	20
1.3 Removing and installing fuel tank	24
1.4 Removing and installing misfuelling prevention device	39
1.5 Deactivating misfuelling prevention device	42
2 Fuel delivery unit/fuel gauge senders	43
2.1 Assembly overview - fuel delivery unit/fuel gauge senders	43
2.2 Removing and installing fuel delivery unit/fuel gauge sender	49
2.3 Bleeding fuel line for metering pump	60
2.4 Removing and installing fuel gauge sender G	61
3 Plug-in connectors	63
3.1 Disconnecting plug-in connectors	63
4 Activated charcoal filter system	69
4.1 Connection diagram - activated charcoal filter system	69
4.2 Assembly overview - activated charcoal filter system	71
4.3 Removing and installing activated charcoal filter	74
4.4 Removing and installing tank pressure sensor G400	76
4.5 Removing and installing control unit for fuel tank leak detection J909	77
4.6 Operation of fuel tank leak detection	77
4.7 Checking fuel system for leaks - NAR, Korea and China versions	77
5 Fuel filter	84
5.1 Assembly overview - fuel filter	84
5.2 Removing and installing water separator	86
6 Accelerator mechanism	88
6.1 Assembly overview - accelerator pedal module	88
6.2 Removing and installing accelerator pedal module GX2	89
7 Fuel pump	90
7.1 Checking fuel system pressurisation pump G6	90
7.2 Removing and installing suction-jet pump	105
7.3 Removing and installing fuel pump control unit J538	106