

## Contents

<b>24</b>	<b>Mixture preparation - injection</b> .....	<b>1</b>
1	<b>Servicing Simos injection system</b> .....	<b>1</b>
1.1	Safety precautions .....	1
1.2	Rules for cleanliness when working on the injection system .....	2
1.3	Important: Required procedure prior to opening high-pressure injection system .....	2
1.4	Technical data .....	4
1.5	Overview of fitting locations .....	5
1.6	Air cleaner - exploded view .....	14
1.7	Removing and installing air filter element .....	15
1.8	Intake manifold (top section) - exploded view of components .....	17
1.9	Removing and installing intake manifold (top section) .....	18
1.10	Intake manifold (bottom section) - exploded view of components .....	21
1.11	Removing and installing intake manifold (bottom section) with fuel rail .....	23
1.12	Removing and installing injectors .....	26
1.13	Checking fuel pressure and residual pressure (up to high-pressure pump) .....	30
1.14	Removing and installing high-pressure pump .....	33
1.15	Bleeding fuel system .....	36
1.16	Wiring and component check with test box V.A.G 1598/42 .....	36
1.17	Removing and installing engine control unit .....	38
1.18	Removing and installing Lambda probe before catalytic converter - bank 1 (right) .....	41
1.19	Removing and installing Lambda probe before catalytic converter - bank 2 (left) .....	43
1.20	Removing and installing Lambda probe after catalytic converter - bank 1 (right) .....	44
1.21	Removing and installing Lambda probe after catalytic converter - bank 2 (left) .....	46
<b>28</b>	<b>Ignition system</b> .....	<b>48</b>
1	<b>General notes and safety precautions</b> .....	<b>48</b>
1.1	General notes on ignition system .....	48
1.2	Safety precautions .....	48
2	<b>Servicing ignition system</b> .....	<b>49</b>
2.1	Technical data .....	49
2.2	Removing and installing ignition coils .....	49