

Contents

23	Mixture preparation - injection	1
1	Safety precautions and rules for cleanliness	1
1.1	Safety precautions	1
1.2	Rules for cleanliness	1
1.3	To avoid injury and/or damage to the injection and glow plug system, note the following:	2
2	Injection system	3
2.1	Fitting locations overview, engine code AMF	3
2.2	Fitting locations overview, engine code ANY	5
2.3	Fitting locations overview, engine codes BHC and ATL	6
2.4	Air cleaner - exploded view of components	9
2.5	Removing and installing air filter element	11
2.6	Removing and installing air mass meter G70	12
2.7	Intake manifold for vehicles with engine code letters AMF, BHC - exploded view	12
2.8	Removing and installing intake manifold - vehicles with engine code letters AMF, BHC ..	13
2.9	Intake manifold for vehicles with engine code letters ATL - exploded view	16
2.10	Removing and installing intake manifold - vehicles with engine code letters ATL	17
2.11	Unit injector - exploded view	22
2.12	Removing and installing unit injector	22
2.13	Removing and installing O-rings for unit injector	26
2.14	Removing and installing electrical wiring harness for unit injectors and glow plugs	27
3	Engine control unit	29
3.1	Wiring and component check with test box V.A.G 1598/31	29
3.2	Renewing diesel direct injection system control unit J248	30
28	Glow plug system	32
1	Checking glow plug system	32
1.1	Checking glow plugs (engine code AMF, ANY, BHC)	32
1.2	Checking glow plugs (engine code ATL)	33
1.3	Removing and installing glow plugs	34