

Contents

24	Mixture preparation - injection	1
1	Servicing Motronic injection system	1
1.1	Safety precautions	1
1.2	Rules for cleanliness	1
1.3	Overview - fitting locations	2
1.4	Dismantling and assembling air cleaner	6
1.5	Intake manifold change-over - exploded view of components	8
1.6	Intake manifold - exploded view of components	9
1.7	Removing and installing intake manifold	9
1.8	Wiring and component check with adapter lead, 121-pin V.A.G 1598/31 (test box)	13
1.9	Renewing Motronic control unit J220	16
1.10	Checking system pressure, fuel pressure regulator and residual pressure	20
1.11	Dismantling and assembling fuel rail with injectors	21
1.12	Removing and installing fuel rail and injectors	22
1.13	Checking injection quantity and spray pattern of injectors; checking for leaks	24
1.14	Removing and installing Lambda probe before catalytic converter - bank 1 (right)	26
1.15	Removing and installing Lambda probe before catalytic converter - bank 2 (left)	27
1.16	Removing and installing Lambda probe after catalytic converter - bank 1 (right)	29
1.17	Removing and installing Lambda probe after catalytic converter - bank 2 (left)	30
28	Ignition system	32
1	General notes on ignition system	32
2	Safety measures	33
3	Removing and installing ignition coils	34