



Contents

01 - Self-diagnosis	1
1 Self-diagnosis	1
1.1 Self-diagnosis	1
1.2 Tools	1
1.3 Connecting fault reader	2
2 Self-diagnosis of airbag system	3
2.1 Self-diagnosis of airbag system	3
2.2 Functional description	3
2.3 Coding airbag control unit	10
2.4 Deactivating and activating front passenger's airbag unit (matching)	12
2.5 Read measured value block	25
2.6 Test box VAS 5056	28
2.7 Final control diagnosis	31
3 Self-diagnosis for convenience system > 07.97	32
3.1 Functional description	32
3.2 Determining possible sources for activation of anti-theft alarm system	33
3.3 System active indicator	33
3.4 Initiating self-diagnosis for the convenience system	33
3.5 Overview of the selectable functions	35
3.6 Interrogating control unit version	35
3.7 Coding convenience system control unit using fault reader V.A.G 1551	37
3.8 Interrogating fault memory	38
3.9 Erasing fault memory	39
3.10 Ending output	40
3.11 Fault table	41
3.12 Final control diagnosis	52
3.13 Read measured value block	53
3.14 Display group overview	54
4 Self-diagnosis for convenience system 08.97 >	67
4.1 Self-diagnosis for convenience system 08.97 >	67
4.2 Functional description	67
4.3 Determining which source has possibly triggered the anti-theft alarm	68
4.4 Description of the interior monitoring system	68
4.5 System active indicator	68
4.6 Initiating self-diagnosis for the convenience system	68
4.7 Overview of the selectable functions	70
4.8 Interrogating control unit version	70
4.9 Coding convenience system control unit using fault reader V.A.G 1551	72
4.10 Interrogating fault memory	74
4.11 Erasing fault memory	75
4.12 Ending output	76
4.13 Fault table	77
4.14 Final control diagnosis	92
4.15 Reading measured value block	93
4.16 Display group overview	94
4.17 Radio wave remote control function variations >05.98	109
4.18 Radio wave remote control functional variations 06.98 >	110
5 Self-diagnosis for seat and mirror adjustment on driver's side	112
5.1 Self-diagnosis for seat and mirror adjustment on driver's side	112
5.2 Functional description for the seat adjustment	112
5.3 Functional description for the self-diagnosis	112
5.4 Initialising the memory system	113
5.5 Storing seat and mirror settings for normal driving	113
5.6 Storing mirror setting for reversing	114



5.7	Allocating the radio wave remote control key to the memory buttons	114
5.8	Activating seat and mirror settings for normal driving	115
5.9	Activating the mirror setting for reversing	115
5.10	Initiating self-diagnosis for the seat adjustment	116
5.11	Overview of the selectable functions	117
5.12	Interrogating control unit version	117
5.13	Interrogating fault memory	118
5.14	Erasing fault memory	119
5.15	Ending output	120
5.16	Fault table	120
5.17	Read measured value block	126
5.18	Display group overview	127