



Contents

00 - Technical data	1
1 Vehicle identification data	1
1.1 Vehicle identification number	1
1.2 Type plate	1
1.3 Vehicle data sticker	1
2 Safety information	4
3 Gas vehicles	5
4 Moulded foam inserts	6
5 Galvanized panels	7
6 High strength body parts	8
7 Laser welding	11
8 Body panel gaps/shut lines	12
8.1 Body - front	12
8.2 Body - rear	14
9 Body dimensions	17
9.1 Body - front	17
9.2 Body - centre	24
9.3 Body - rear	31
9.4 Floor panel - front	34
9.5 Floor panel - centre	35
9.6 Floor panel - rear	36
10 Alignment jig	37
10.1 Overview - alignment bracket for Touran VAS 6240	37
11 Portal gauge	39
11.1 Front portal gauge	39
11.2 Rear portal gauge	41
50 - Body - front	42
1 Renewing suspension strut mounting	42
1.1 Tools	42
1.2 Removing	42
1.3 Installing	43
2 Renewing right bracket	46
2.1 Tools	46
2.2 Removing	46
2.3 Installing	48
3 Renewing left console	50
3.1 Tools	50
3.2 Removing	51
3.3 Installing	52
4 Renewing mounting bracket for subframe	54
4.1 Tools	54
4.2 Removing	54
4.3 Installing	56
5 Renewing front bumper carrier	58
5.1 Tools	58
5.2 Removing	58
5.3 Installing	60
6 Renewing upper outer longitudinal member	62
6.1 Tools	62



6.2	Removing	62
6.3	Installing	63
7	Renewing upper outer longitudinal member, model year 2011 >	64
7.1	Tools	64
7.2	Removing	64
7.3	Installing	66
8	Renewing upper wheel housing longitudinal member	70
8.1	Tools	70
8.2	Removing	70
8.3	Installing	71
9	Renewing front wheel housing - part section	72
9.1	Tools	72
9.2	Removing	72
9.3	Installing	74
10	Repairing threads for securing subframe (suspension subframe)	75
10.1	Contents of thread repair kit	77
10.2	Repairing threads	78
11	Renewing front longitudinal member	81
11.1	Tools	81
11.2	Removing	82
11.3	Installing	83
12	Renewing front longitudinal member - part section	90
12.1	Tools	90
12.2	Removing	90
12.3	Installing	93
51 - Body - centre		95
1	Renewing roof	95
1.1	Tools	95
1.2	Removing	97
1.3	Installing	99
2	Renewing roof - vehicles with panorama sunroof -	107
2.1	Tools	107
2.2	Removing	110
2.3	Installing	113
3	Renewing roof side member	123
3.1	Tools	126
3.2	Removing	127
3.3	Installing	129
4	Renewing front cross member for roof	135
4.1	Tools	135
4.2	Removing	135
4.3	Installing	137
5	Renewing roof reinforcement	138
5.1	Tools	138
5.2	Removing	138
5.3	Installing	140
6	Renewing rear roof cross member	141
6.1	Tools	141
6.2	Removing	141
6.3	Installing	143
7	Renewing A-pillar	144
7.1	Tools	145
7.2	Removing	146



7.3	Installing	147
8	Renewing A-pillar reinforcement	152
8.1	Tools	152
8.2	Removing	153
8.3	Installing	154
9	Renewing A-pillar reinforcement - part section	156
9.1	Tools	156
9.2	Removing	156
9.3	Installing	157
10	Renewing inner A-pillar	158
10.1	Tools	158
10.2	Removing	159
10.3	Installing	159
11	Renewing B-pillar	161
11.1	Tools	161
11.2	Removing	162
11.3	Installing	162
12	Renewing B-pillar reinforcement	165
12.1	Tools	165
12.2	Removing	166
12.3	Installing	166
13	Renewing inner panel of B-pillar	168
13.1	Tools	168
13.2	Removing	169
13.3	Installing	170
14	Renewing outer side member	173
14.1	Tools	173
14.2	Removing	173
14.3	Installing	175
15	Renewing web plate for side member - part section	177
15.1	Tools	177
15.2	Removing	177
15.3	Installing	178
16	Renewing web plate for side member - part section	179
16.1	Tools	179
16.2	Removing	180
16.3	Installing	180
17	Renewing reinforcement for side member - part section	182
17.1	Tools	182
17.2	Removing	182
17.3	Installing	183
18	Renewing connecting piece for floor panel - part section	184
18.1	Tools	184
18.2	Removing	184
18.3	Installing	185
53 - Body - rear		188
1	Renewing cross panel	188
1.1	Tools	188
1.2	Removing	188
1.3	Installing	190
2	Renewing tail light mounting	191
2.1	Tools	191
2.2	Removing	191



2.3	Installing	192
3	Renewing rear cross member	195
3.1	Tools	195
3.2	Removing	195
3.3	Installing	196
4	Removing and installing rear pillars	200
4.1	Tools	200
4.2	Removing	200
4.3	Installing	201
5	Renewing bumper bracket	202
5.1	Tools	202
5.2	Removing	202
5.3	Installing	204
6	Renewing longitudinal member - part section	205
6.1	Tools	205
6.2	Removing	205
6.3	Installing	206
7	Renewing side panel - part section	207
7.1	Tools	208
7.2	Removing	209
7.3	Installing	211
8	Renewing C-pillar reinforcement	216
8.1	Tools	216
8.2	Removing	216
8.3	Installing	217
9	Renewing inner wheel housing liner - part section	218
9.1	Tools	218
9.2	Removing	218
9.3	Installing	222
10	Renewing inner side panel - part section	223
10.1	Tools	223
10.2	Removing	224
10.3	Installing	224
11	Renewing outer wheel housing liner - part section	226
11.1	Tools	226
11.2	Removing	227
11.3	Installing	227
12	Renewing rear luggage compartment floor	229
12.1	Tools	229
12.2	Removing	229
12.3	Installing	230
13	Renewing rear spare wheel well - part section	235
13.1	Tools	235
13.2	Removing	235
13.3	Installing	236
14	Renewing floor panel - vehicles powered by natural gas	237
14.1	Removing	238
14.2	Installing	239