



Contents

00 - Technical data	1
1 Vehicle identification data	1
1.1 Vehicle identification number	1
2 Safety information	3
3 Gas vehicles	4
4 Moulded foam inserts	5
5 Galvanized body parts, high/higher-strength and hot-formed body panels	7
5.1 Installing	7
6 Laser welding	10
7 Body panel gaps/shut lines	11
7.1 Body - front	11
7.2 Body - centre	12
7.3 Body - rear	13
7.4 Body - rear (Variant)	14
8 Body dimensions	15
8.1 Body - front	15
8.2 Body - centre	17
8.3 Body - centre (Variant)	22
8.4 Body - rear	23
8.5 Body - rear (Variant)	24
8.6 Floor panel - front	25
8.7 Floor panel - centre	26
8.8 Floor panel - rear	27
9 Tools	28
10 Alignment bracket set	29
10.1 Overview	29
11 Portal gauge	31
11.1 Overview	31
50 - Body - front	33
1 Renewing left bracket	33
1.1 Tools	33
1.2 Removing	33
1.3 Installing	36
2 Renewing right bracket	38
2.1 Tools	38
2.2 Removing	38
2.3 Installing	40
3 Renewing retaining bracket for subframe	42
3.1 Tools	42
3.2 Removing	42
3.3 Installing	44
4 Renewing bumper bracket	46
4.1 Tools	47
4.2 Removing	47
4.3 Installing	48
5 Renewing upper wheel housing longitudinal member	50
5.1 Tools	51
5.2 Removing	52
5.3 Installing	54



6	Renewing front wheel housing	58
6.1	Tools	59
6.2	Removing	59
6.3	Installing	61
7	Repairing threads for securing subframe (suspension subframe)	68
7.1	Tools	69
7.2	Contents of thread repair kit	69
7.3	Repairing threads	69
8	Renewing front longitudinal member	73
8.1	Tools	74
8.2	Removing	74
8.3	Installing	77
9	Renewing front longitudinal member - part section	84
9.1	Tools	85
9.2	Removing	85
9.3	Installing	88
51 - Body - centre		93
1	Renewing roof	93
1.1	Tools	94
1.2	Removing	95
1.3	Installing	97
2	Renewing roof - vehicles with sliding/tilting sunroof	108
2.1	Tools	109
2.2	Removing	110
2.3	Installing	113
3	Renewing roof (Variant)	125
3.1	Tools	126
3.2	Removing	127
3.3	Installing	129
4	Renewing roof - Variant with panorama sliding sunroof	140
4.1	Tools	141
4.2	Removing	142
4.3	Installing	145
5	Renewing roof side member	157
5.1	Tools	158
5.2	Removing	158
5.3	Installing	160
5.4	Foam treating roof side member	166
6	Renewing front cross member for roof	169
6.1	Tools	170
6.2	Removing	171
6.3	Installing	172
7	Renewing rear roof cross member (saloon)	174
7.1	Tools	175
7.2	Removing	175
7.3	Installing	176
8	Renewing rear roof cross member (Variant)	178
8.1	Tools	179
8.2	Removing	179
8.3	Installing	180
9	Renewing A-pillar	183
9.1	Tools	184
9.2	Removing	184



9.3	Installing	186
10	Renewing A-pillar reinforcement - part section	193
10.1	Tools	194
10.2	Removing	194
10.3	Installing	196
11	Renewing B-pillar	200
11.1	Tools	201
11.2	Removing	201
11.3	Installing	203
12	Renewing B-pillar reinforcement - part section	211
12.1	Tools	212
12.2	Removing	212
12.3	Installing	214
13	Renewing inner B-pillar	224
13.1	Tools	225
13.2	Removing	225
13.3	Installing	227
14	Renewing side member	230
14.1	Tools	231
14.2	Removing	231
14.3	Installing	233
15	Renewing front side member reinforcement	239
15.1	Tools	240
15.2	Removing	240
15.3	Installing	241
16	Renewing rear side member reinforcement	246
16.1	Tools	247
16.2	Removing	247
16.3	Installing	248
17	Renewing seat middle cross member	251
17.1	Tools	251
17.2	Removing	251
17.3	Installing	253
18	Renewing inner mounting for seat cross member	256
18.1	Tools	256
18.2	Removing	256
18.3	Installing	258
19	Renewing outer mounting for seat cross member	261
19.1	Tools	262
19.2	Removing	263
19.3	Installing	264
53 - Body - rear		267
1	Renewing cross panel	267
1.1	Tools	268
1.2	Removing	268
1.3	Installing	270
2	Renewing rear cross panel (Variant)	274
2.1	Tools	275
2.2	Removing	275
2.3	Installing	277
3	Renewing lock carrier	281
3.1	Tools	281
3.2	Removing	281



3.3	Installing	283
4	Renewing tail light mounting	285
4.1	Tools	286
4.2	Removing	286
4.3	Installing	288
5	Renewing tail light mounting (Variant)	292
5.1	Tools	293
5.2	Removing	293
5.3	Installing	294
6	Renewing C-pillar reinforcement	297
6.1	Tools	298
6.2	Removing	298
6.3	Installing	299
7	Renewing C-pillar reinforcement (Variant)	303
7.1	Tools	304
7.2	Removing	304
7.3	Installing	306
8	Renewing D-pillar reinforcement - part section	311
8.1	Tools	312
8.2	Removing	312
8.3	Installing	314
9	Renewing inner D-pillar	318
9.1	Tools	319
9.2	Removing	319
9.3	Installing	320
10	Renewing rear longitudinal member - part section	323
10.1	Tools	324
10.2	Removing	325
10.3	Installing	327
11	Renewing side panel - part section	333
11.1	Tools	334
11.2	Removing	334
11.3	Installing	336
12	Renewing side panel (Variant) - part section	343
12.1	Tools	344
12.2	Removing	344
12.3	Installing	346
13	Renewing outer wheel housing liner	353
13.1	Tools	354
13.2	Removing	354
13.3	Installing	356
14	Renewing outer wheel housing liner (Variant)	361
14.1	Tools	362
14.2	Removing	362
14.3	Installing	365
15	Renewing spare wheel well	371
15.1	Tools	371
15.2	Removing	372
15.3	Installing	374