

Contents

00 - Technical data	1
1 Safety information and repair notes	1
1.1 Safety information	1
1.2 Repair instructions	1
2 Safety information	2
2.1 Safety precautions when painting natural gas-powered vehicles	2
2.2 Safety precautions and other instructions, natural gas-powered vehicles ("LPG" or "CNG")	2
2.3 Safety measures for paintwork, vehicles with electric drive	2
3 General information	3
3.1 Paintwork structure, factory finish	3
3.2 Paintwork structure, Aftersales	4
3.3 Reduced paint structure in engine compartment and inside of bonnet	7
3.4 Work instructions for underseal and anti-chip coating	7
3.5 Work instruction for window flange area	10
3.6 Pre-treatment of bonded surfaces when renewing laser-welded roofs	11
3.7 Corrosion protection measures for wing surface in contact with wheel housing liner	14
3.8 Notes on treating corroded fold areas	15
3.9 Corrosion protection of body, surface and welded parts	17
3.10 Painting parking aid sender	19
3.11 Adaptive cruise control (ACC)	20
3.12 Painting instructions for bumper cover in area of lane change assist control unit and front corner radar	20
3.13 Painting instructions for bumper cover in area of lane change assist control unit and front corner radar	21
3.14 Painting natural gas-powered vehicles	23
3.15 Painting high-voltage vehicles	24
3.16 Classification of painting classes	25
3.17 Overview and work steps – painting classes	26
4 Genuine products	32
4.1 Filler	32
4.2 Priming metal	62
4.3 Priming plastic materials	83
4.4 Surfacer	92
4.5 2-pack top coats	136
4.6 AquaPlus top coats	143
4.7 AquaPremium top coats	169
4.8 ReadyMix top coats	205
4.9 Clear coats	206
4.10 Hardener	240
4.11 Thinners	247
4.12 Anti-corrosion materials	252
4.13 Underseal	257
4.14 Sealing materials	284
4.15 Cleaning materials	294
4.16 Finish materials	298
4.17 SprayMax system spray cans	298
4.18 Additional materials	386
5 Repair painting work	404
5.1 Paint finish – decorative strips and films	404
5.2 Tips and tricks	407
6 Corrosion and corrosion protection	411
6.1 Eliminating corrosion	411