



## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety information</b>	<b>1</b>
1.1 Safety precautions when painting natural gas-powered vehicles	1
1.2 Safety precautions when painting electric drive vehicles	2
<b>2 General information</b>	<b>3</b>
2.1 Paintwork structure of a factory finish	3
2.2 Paint structure of service department finish	5
2.3 Fundamental approach to dealing with areas sanded through to the substrate (bare metal surface)	9
2.4 Reduced paint structure in engine compartment and inside of bonnet	10
2.5 Instructions for work on underbody and stone chip protection	10
2.6 Work instruction for window flange area	12
2.7 Pre-treatment of bonded surfaces when renewing laser-welded roofs	14
2.8 Corrosion protection measures for wing surface in contact with wheel housing liner	17
2.9 Notes on treating corroded fold areas	18
2.10 Corrosion protection for body components, add-on components and welded components	20
2.11 Painting parking aid sensor	22
2.12 ACC - Adaptive Cruise Control	23
2.13 Painting instructions for D-pillar trim in the area of the lane change assist control unit	23
<b>3 Genuine products</b>	<b>24</b>
3.1 Paint products in customer service	24
3.2 General application instructions for repair and painting systems	25
3.3 Filler	71
3.4 Priming metal	94
3.5 Priming plastic materials	105
3.6 Surfacer	109
3.7 Top coats	168
3.8 Clear coats	213
3.9 Hardener	254
3.10 Thinners	262
3.11 Anti-corrosion materials	267
3.12 Underseal	272
3.13 Stone chip guard	284
3.14 Wax-based underseal	291
3.15 Sealing materials	296
3.16 Cleaning agents	303
3.17 SprayMax system	308
3.18 Additional materials	367
<b>4 Workshop equipment</b>	<b>384</b>
4.1 Tools	384
4.2 Tack cloths	395