



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety precautions when painting vehicles with gas drive	1
1.2 Safety precautions when painting vehicles with electric drive	1
2 General information	2
2.1 Paintwork structure of a factory finish	2
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	9
2.5 Instructions for work on underbody and stone chip protection	9
2.6 Work instruction for window flange area	11
2.7 Pre-treatment of bonded surfaces when renewing laser-welded roofs	13
2.8 Corrosion protection measures for wing surface in contact with wheel housing liner	16
2.9 Notes on treating corroded fold areas	17
2.10 Corrosion protection for body components, add-on components and welded components	19
2.11 Painting parking aid sensor	20
2.12 ACC - Adaptive Cruise Control	22
2.13 Painting instructions for D-pillar trim in the area of the lane change assist control unit	23
2.14 Painting instructions for bi-colour paintwork	24
3 Genuine products	26
3.1 Paint products in customer service	26
3.2 General application instructions for repair and painting systems	27
3.3 Filler	89
3.4 Priming metal	116
3.5 Priming plastic materials	131
3.6 Surfacer	136
3.7 Top coats	213
3.8 Clear coats	272
3.9 Hardener	315
3.10 Thinners	324
3.11 Anti-corrosion materials	330
3.12 Underseal	334
3.13 Stone deflector	345
3.14 Wax-based underseal	354
3.15 Sealing materials	358
3.16 Cleaning agents	366
3.17 SprayMax system	371
3.18 Additional materials	441
4 Workshop equipment	465
4.1 Tools	465
4.2 Tack cloths	477