



## Contents

<b>00 - Technical data</b> .....	<b>1</b>
<b>1 Safety indications</b> .....	<b>1</b>
1.1 Components removal .....	1
1.2 Battery, work with weld .....	1
1.3 Electronic control units .....	1
1.4 Paint, glasses, stuffing, linings .....	2
1.5 Fuel tank or fuel line .....	2
1.6 Air conditioning system .....	2
1.7 Airbag System - Safety measures to work .....	3
1.8 Airbag triggers after an accident - which should be replaced .....	4
1.9 Verification of safety belts .....	4
1.10 Safety measures for belt tensioner .....	7
1.11 Vehicles works with belt tensioner .....	8
1.12 Repair, alignment and/or bodywork works in vehicles with Airbag .....	8
1.13 Removal of the front seats with side airbag .....	9
<b>2 Basic instructions</b> .....	<b>10</b>
2.1 Accident vehicles diagnosis .....	10
2.2 Body supply condition and individual parts for painting .....	10
2.3 Alignment .....	10
2.4 Cuts for removal .....	10
2.5 Body partial parts .....	10
2.6 Original joint .....	11
2.7 Body galvanized parts .....	11
2.8 Removing the residues .....	11
2.9 New parts .....	11
<b>3 Symbols explanation</b> .....	<b>12</b>
3.1 Symbols explanation to welding works .....	12
3.2 Symbols explanation to work process .....	12
<b>4 Tooling to the body repair</b> .....	<b>15</b>
4.1 Hole plier VAG 1329 .....	15
4.2 Fluid pulveriser VAG 1379 or EQ 7608 .....	15
4.3 Hot air blower VAG 1416 .....	15
4.4 Adjustable straps VAG 1438 .....	15
4.5 Pneumatic saw VAG 1523A or EQ 7415 .....	16
4.6 Pneumatic hammer VAG 1577 .....	16
4.7 Welding points remover VAG 1731 .....	16
4.8 Adhesives Pneumatic Applicator for glass bonded VAG 1761/1 or EQ 7434 .....	16
4.9 Pneumatic adhesive applicator VAG 2005 .....	17
<b>5 Glued joints of the body</b> .....	<b>18</b>
5.1 Removal procedure: .....	18
5.2 Bonding types .....	19
5.3 Partial replacement repair solution .....	19
<b>6 Corrosion protection measures</b> .....	<b>21</b>
6.1 Materials for corrosion protection prior to welding .....	21
6.2 Corrosion protection and special warranty against corrosion perforation .....	21
<b>7 Indications to residue disposal</b> .....	<b>23</b>
7.1 Residue elimination .....	23
7.2 Support covers damper - unusable for disposal .....	23
7.3 Airbag .....	24
<b>8 Repair of steel plates</b> .....	<b>25</b>
8.1 Plate body of high strength .....	25
8.2 Parts of the galvanized body .....	25



8.3	Welding work on galvanized plates .....	26
8.4	Repair body shop where there is no paint damage (Paintless dent repair) .....	27