

Contents

00 - Technical data	1
1 Safety instructions	1
1.1 Safety precautions when working on vehicles with a start/stop system	1
1.2 Safety precautions during road tests in which testing and measuring equipment is used	1
2 Repair instructions	2
2.1 General repair instructions	2
2.2 Rules of cleanliness	2
2.3 Contact corrosion	2
2.4 Cable routing and securing	3
91 - Communication	5
1 Infotainment system	5
2 Infotainment system	6
2.1 Installation – Infotainment system	6
2.2 Infotainment system set overview of fitting locations	8
2.3 Removing and installing the display unit for control unit of the display and operating unit, front information J685	10
2.4 Removing and installing the control unit for information electronics 1 J794	12
3 Sound system	15
3.1 Overview of locations where sound system is fitted	15
3.2 Removing and installing the control unit for the digital sound package J525	16
3.3 Remove and install front tweeters R20/R22	17
3.4 Removing and installing the rear bass loudspeaker R15/R17	18
3.5 Removing and installing the front woofers R21/R23	19
3.6 Removing and installing subwoofer R211	19
4 Aerial systems	21
4.1 Overview of locations where aerial systems are fitted	21
4.2 Removing and installing aerial amplifier	23
4.3 Removing and installing GPS aerial R50	24
4.4 Removing and installing roof antenna	25
4.5 Removing and installing LTE aerial R297/R306	25
4.6 Removing and installing emergency call module aerial R263	26
4.7 Replace and repair aerial cables	27
5 Radio	28
5.1 Installation - Radio	28
6 Telephone system	29
6.1 Installation - Telephone	29
6.2 Phone system overview of fitting locations	29
6.3 Removing and installing the aerial amplifier for mobile phone R86	31
6.4 Removing and installing the microphone for the telephone R38	31
6.5 Removing and installing storage compartment with interface for mobile telephone R265	32
7 Navigation system	33
7.1 Installation - navigation system	33
7.2 Installation location overview - navigation system	33
8 Reversing camera system	34
8.1 Setting up the reversing camera system	34
8.2 Overview of components - Reversing camera system	34
8.3 Removing and installing the rear view camera R189	35
8.4 Removing and installing the rear view camera spray nozzle	36
9 Multi-functional steering wheel	38
9.1 Installation - multifunction steering wheel	38
9.2 Removing and installing the multi-function buttons on the steering wheel E441/E440	38



9.3	Removing and installing the Tiptronic switch in steering wheel E439/E438	39
10	Connection for external multimedia devices	41
10.1	Removing and installing the connection for external audio sources R199	41
11	Online services	44
11.1	General description - mobile services online	44
11.2	Installation location overview - mobile online services	44
11.3	Removing and installing control unit for emergency call module and communication unit J949	46
11.4	Removing and installing emergency call button E276	48
11.5	Removing and installing speaker for emergency call module R335	48
11.6	Remove and install battery control unit for emergency call module	50
11.7	Replacing, adapting and activating control unit for emergency call module and communication unit J949	52
11.8	Checking that the components and communication of the ERA Glonass system are functioning	55