



Contents

00 - Technical data	1
1 Safety information and repair notes	1
1.1 Safety information	1
1.2 Repair instructions	1
2 Electrical components	2
2.1 Access to diagnosis	2
91 - Communication	3
1 Safety information and repair notes	3
1.1 Safety information	3
1.2 Repair instructions	3
2 Fitting locations	4
2.1 Overview of fitting locations - components/control units in centre section of vehicle	4
2.2 Overview of fitting locations – components/control units in rear section of vehicle	6
3 Infotainment system	9
3.1 Assembly overview – front information display and operating unit control unit	9
3.2 Assembly overview – control unit for information electronics	9
3.3 Removing and installing control unit for front display and information control panel [J685]	10
3.4 Removing and installing control unit 1 for information electronics [J794]	11
4 Sound system	14
4.1 Assembly overview – sound system	14
4.2 Removing and installing front treble loudspeakers [R20]/[R22]	16
4.3 Removing and installing rear treble loudspeakers [R14]/[R16]	16
4.4 Removing and installing front bass loudspeakers	17
4.5 Removing and installing rear bass loudspeakers	18
4.6 Removing and installing loudspeaker for emergency call module [R335]	20
5 Sound system with digital sound package	21
5.1 Assembly overview – sound system	21
5.2 Assembly overview – digital sound package control unit	23
5.3 Assembly overview – digital sound package control unit, hybrid	24
5.4 Removing and installing digital sound package control unit [J525]	25
5.5 Removing and installing digital sound package control unit [J525], hybrid	27
5.6 Removing and installing front treble loudspeakers [R20]/[R22]	29
5.7 Removing and installing rear treble loudspeakers [R14]/[R16]	29
5.8 Removing and installing mid-range loudspeaker	30
5.9 Removing and installing front bass loudspeakers	31
5.10 Removing and installing rear bass loudspeakers	32
5.11 Removing and installing subwoofer [R211]	33
5.12 Removing and installing loudspeaker for emergency call module [R335]	34
6 Aerials	36
6.1 Assembly overview – aerial systems	36
6.2 Removing and installing frequency modulation (FM) frequency filters [R178]/[R179]	37
6.3 Removing and installing roof aerial [RX5]	38
6.4 Removing and installing internet access control unit [J666]	38
6.5 Removing and installing LTE aerial	39
6.6 Removing and installing aerial module	40
7 Online services	42
7.1 Assembly overview – emergency call module control unit and communication unit	42
7.2 Removing and installing emergency call module control unit and communication unit [J949]	42
7.3 Removing and installing emergency battery, telematics [A16]	44
8 External multimedia devices, front and rear	46



8.1	Removing and installing USB connection 1 [U41]	46
8.2	Removing and installing USB charging socket 1 [U37]	46
9	External multimedia devices	48
9.1	Removing and installing USB connection 1 [U41]	48
10	Multifunction steering wheel	49
10.1	Assembly overview – multifunction steering wheel	49
10.2	Removing and installing multifunction buttons in steering wheel [E441]/[E440]	50
10.3	Removing and installing Tiptronic switch in steering wheel [E439]/[E438]	53
10.4	Removing and installing control unit for steering wheel contact detection [J1158]	53
11	Telephone	55
11.1	Removing and installing storage compartment with interface for mobile telephone [R265] ..	55
11.2	Removing and installing aerial amplifier for mobile telephone [R86]	55