Contents

00 - Technical data 1
1 Safety precautions 1
1.1 Safety precautions 1
2 Repair instructions 2
2.1 Repair instructions 2
3 Electrical components 3
3.1 Starting diagnosis 3

91 - Communication 6
1 Safety and repair instructions 6
1.1 Safety precautions 6
1.2 Repair instructions 6
2 Fitting locations 7
2.1 Overview of fitting locations - components/control units in front section of vehicle 7
2.2 Overview of fitting locations - components/control units in centre section of vehicle 7
2.3 Overview of fitting locations - components/control units in rear section of vehicle 10
3 Components/control units 11
3.1 Removing and installing display unit for front information display and operating unit control unit J685 11
3.2 Removing and installing control unit 1 for information electronics J794 11
3.3 Removing and installing driver side volume regulator E67 13
3.4 Removing and installing digital sound package control unit J525 - premium sound 14
3.5 Removing and installing front treble loudspeaker R20/R22 15
3.6 Removing and installing front treble loudspeaker 2 R220/R221 - premium sound 16
3.7 Removing and installing rear treble loudspeaker R14/R16 16
3.8 Removing and installing front mid-range loudspeaker R103/R104 17
3.9 Removing and installing rear bass loudspeaker R15/R17 18
3.10 Removing and installing front bass loudspeaker R21/R23 18
3.11 Removing and installing subwoofer R211 - premium sound 19
3.12 Removing and installing effect loudspeaker R209/R210 - premium sound 20
3.13 Removing and installing centre loudspeaker R208 - premium sound 21
3.14 Removing and installing internal microphone R74 - premium sound 21
3.15 Removing and installing aerial amplifier R24 21
3.16 Removing and installing aerial amplifier 2 R111 22
3.17 Removing and installing GPS aerial R50 23
3.18 Removing and installing dedicated short-range communication aerial R269 23
3.19 Removing and installing satellite tuner aerial R172 24
3.20 Removing and installing wireless data transfer aerial R336 24
3.21 Removing and installing wireless data transfer aerial 2 R366 25
3.22 Removing and installing wireless data transfer aerial 2 R366 26
3.23 Removing and installing digital radio aerial R183 27
3.24 Removing and installing emergency call module aerial R263 27
3.25 Removing and installing emergency call module aerial 2 R322 27
3.26 Removing and installing emergency call module aerial 3 R323 28
3.27 Removing and installing emergency call module aerial 4 R380 28
3.28 Removing and installing LTE aerial 3 R330 - Audi phone box 29
3.29 Removing and installing telephone microphone R38 29
3.30 Removing and installing telephone bracket - Audi phone box, Audi phone box light 30
3.31 Removing and installing aerial amplifier for mobile telephone R86 - Audi phone box 30
3.32 Removing and installing chip card reader control unit J676 31
3.33 Removing and installing paddle E755/E756 32
3.34 Removing and installing multifunction buttons in steering wheel E441/E440 32
3.35 Removing and installing control unit for steering wheel contact detection J1158 33

3.36 Removing and installing USB connection 1 U41 34
3.37 Removing and installing USB hub R293 35
3.38 Removing and installing control unit with Android operating system J1243 35
3.39 Removing and installing emergency call module control unit and communication unit J949 . . 36
3.40 Removing and installing loudspeaker for emergency call module R335 37
3.41 Removing and installing emergency battery, telematics A16 37
3.42 Removing and installing interface control unit for telematics J1221 38
3.43 Removing and installing telephone and telematics control unit J526 39
3.44 Removing and installing data transmission aerials 40
4 Infotainment system 42
4.1 Layout - infotainment system 42
5 Sound system 43
5.1 Layout - sound system 43
6 Aerial systems 45
6.1 Layout - aerial systems 45
7 Radio 47
7.1 Layout - radio 47
8 Telephone system 48
8.1 Layout - telephone 48
9 Navigation system 49
9.1 Layout - navigation system 49
10 Multi-function steering wheel 50
10.1 Layout - multi-function steering wheel 50
10.2 Exploded view - multi-function steering wheel 50
11 Connection for external multimedia devices 52
11.1 Layout - external multimedia devices 52
12 Mobile online services 53
12.1 Layout - online services 53