



Contents

98 - Assist systems	1
1 Fitting locations	1
1.1 Overview of fitting locations – senders, sensors and control units in front section of vehicle	1
1.2 Overview of fitting locations – senders, sensors and control units in centre section of vehicle	2
1.3 Overview of fitting locations – senders, sensors and control units in rear section of vehicle ..	4
2 Senders/sensors/control units	5
2.1 Removing and installing adaptive cruise control unit J428	5
2.2 Removing and installing parking aid control unit J446	6
2.3 Removing and installing bracket for parking aid control unit J446	9
2.4 Removing and installing front parking aid warning buzzer H22	9
2.5 Removing and installing rear parking aid warning buzzer H15	11
2.6 Removing and installing front parking aid senders G252/G253/G254/G255	12
2.7 Removing and installing rear parking aid senders G203/G204/G205/G206	13
2.8 Removing and installing park assist steering control unit J791	14
2.9 Removing and installing front park assist steering sender G568/G569	14
2.10 Removing and installing rear park assist steering sender G716/G717	15
2.11 Assembly overview - lane change assist	15
2.12 Removing and installing lane change assist control unit J769/J770	16
2.13 Removing and installing lane change assist warning lamp in exterior mirror K311/K312 ..	18
2.14 Removing and installing front camera for driver assist systems R242	18
2.15 Removing and installing reversing camera R189	19
2.16 Removing and installing overhead view camera control unit J928	19
2.17 Removing and installing front overhead view camera R243	20
2.18 Removing and installing left / right overhead view camera R244 / R245	21
2.19 Removing and installing rear overhead view camera R246	22
3 Cruise control system (CCS)	23
4 Adaptive cruise control	24
4.1 Components of adaptive cruise control	24
4.2 Calibrating adaptive cruise control	24
5 Parking aid / park assist steering / autonomous parking system	29
5.1 Components of parking aid / park assist steering / autonomous parking system	29
6 Lane change assist	30
6.1 Components of lane change assist	30
7 Front camera for driver assist systems	31
7.1 Components of front camera for assist systems	31
7.2 Calibrating front camera for assist systems	31
8 Reversing camera system	40
8.1 Overview of reversing camera system	40
8.2 Calibrating reversing camera system	40
9 Overhead view camera	48
9.1 Overview – overhead view camera	48
9.2 Calibrating overhead view camera	49