

## Contents

<b>1</b>	<b>General information</b>	<b>1</b>
1.1	--- Change history ---	1
1.2	Engine number	1
1.3	Vehicle identification number	4
1.4	Vehicle data sticker	4
<b>2</b>	<b>Preparations</b>	<b>6</b>
2.1	Vehicle: raising	6
2.2	Engine cover panel: removing and installing	7
2.3	Noise insulation: removing and installing	11
2.4	Window regulators: activating automatic open/close function	12
2.5	Vehicle diagnostic tester: connecting	12
<b>3</b>	<b>Maintenance</b>	<b>14</b>
3.1	Diesel particulate filter: reading out ash deposit volume	16
3.2	Event memory: reading out and erasing	16
3.3	Service interval display: resetting service	17
3.4	Transport mode: deactivating	17
3.5	Transport mode (engine): deactivating	18
3.6	Rollover bars: checking function with convertible roof open	18
3.7	Battery: checking that battery and battery cables are securely fitted	19
3.8	Battery: checking electrolyte level	20
3.9	Brake fluid: changing	21
3.10	Brake fluid: checking fluid level	26
3.11	Brake system: checking condition of brake hoses, and checking that caps are fitted on bleeder screws	26
3.12	Brake pads: checking thickness	27
3.13	Tyres: checking condition and wear pattern, and checking and recording tread depth	28
3.14	Tyres: checking tyre pressures and adjusting if necessary	30
3.15	Tyre Pressure Loss Indicator: storing changed tyre pressures	30
3.16	Tyre repair kit: checking that set is complete, and checking and recording expiry date	31
3.17	Wheel bolts: tightening to specified torque	32
3.18	Suspension struts on front and rear axle: removing locking elements	32
3.19	Axles (front and rear): checking components for play, secure attachment and damage, and checking protective boots	33
3.20	Engine, gearbox, final drive and steering: checking for leaks and damage	37
3.21	Underbody: checking trim, wheel housing liners, side members and pipes/wiring for damage, and checking that they are properly secured	38
3.22	Front lid arrester hook: lubricating	38
3.23	Door hinges with arresters and locking cylinders: lubricating	39
3.24	Windscreen/rear window washer system: checking spray pattern and adjusting if necessary	40
3.25	Wiper blades: checking for damage	41
3.26	Headlight washer system: checking operation	41
3.27	Headlights: checking for correct adjustment	41
3.28	Headlights and reversing lights, side lights, number plate lights, turn signals, hazard warning lights: checking operation	42
3.29	Luggage compartment lighting: checking operation	43
3.30	Glove box light, interior lighting and reading light: checking operation	43
3.31	Horn: checking operation	43
3.32	Passenger airbag: checking key switch on / off and setting to "on"	44
3.33	Vehicle keys: checking operation and recording number of keys given to customer	44
3.34	Engine oil: draining	45
3.35	Engine oil: renewing oil filter	54
3.36	Engine oil: filling up	63
3.37	Engine oil: checking oil level and correcting if necessary	63



3.38	Poly V-belts for ancillaries: checking bearing bushes of tensioning system	64
3.39	Toothed belt for injection pump: checking for damage and checking tension	65
3.40	Toothed belt for camshaft drive: checking for damage	65
3.41	Toothed belt for camshaft drive: renewing belt and checking tensioning system and idler rollers	66
3.42	Spark plugs: renewing	67
3.43	Hydraulic system: checking fluid level	77
3.44	Coolant level: checking (fill level should be at top marking on coolant expansion tank; level may be above top marking, but not below it)	78
3.45	Air cleaner: renewing filter element and cleaning housing	81
3.46	Plenum chamber and water drains: checking for dirt	96
3.47	Snow screen: cleaning	97
3.48	Dust and pollen filter: renewing	97
3.49	Fuel filter: renewing	98
3.50	Fuel filter: draining	101
3.51	Fuel tank: adding fuel additive	102
3.52	Body: checking vehicle paintwork for damage and corrosion from below and with front lid, rear lid and doors open	103
3.53	Road test	103
3.54	Stock vehicles: observing measures specified in Maintenance table for stock vehicles (see "Before handing vehicle over to customer")	103
3.55	Display instruments: setting time and date	104
3.56	Automatic gearbox (multitronic): changing ATF	104
3.57	Interior mirror: calibrating compass	104
3.58	Poly V-belts for ancillaries: renewing	104
3.59	Instrument cluster: resetting driver information system	104
3.60	Toothed belt for injection pump and tensioning roller: renewing	104
3.61	Toothed belt for camshaft drive: renewing	105
3.62	Toothed belt for camshaft drive and tensioning roller: renewing	105
<b>4</b>	<b>Exhaust emissions test</b>	<b>106</b>
4.1	Petrol engines: performing exhaust emissions test	106
4.2	Diesel engines: performing exhaust emissions test	113