



## Contents

<b>1</b>	<b>Engine list</b>	<b>1</b>
<b>2</b>	<b>Service work</b>	<b>5</b>
2.1	Information about flexible or fixed service	5
2.2	Service tables up to model year ▶2020	8
2.3	Service tables as of model year 2021▶	16
<b>3</b>	<b>General information</b>	<b>24</b>
3.1	Raising vehicle with lifting platform or trolley jack	24
3.2	Entries in digital service schedule or service schedule	26
3.3	Severe operating conditions	26
3.4	Vehicle data sticker	27
3.5	Connecting vehicle diagnostic tester	28
3.6	Vehicle identification number	29
3.7	Countries with hot climate	30
3.8	Country overview for diesel not compliant with EN 590	31
3.9	Country overview for petrol not compliant with EN 228	32
3.10	Engine code and engine number	33
3.11	Countries with high levels of dust	33
3.12	Type plate	34
3.13	Shortened intervals for spark plug replacement	35
<b>4</b>	<b>Descriptions of work</b>	<b>40</b>
4.1	Swivel joints and suspension link mountings: inspecting	42
4.2	All-wheel drive coupling: changing oil	43
4.3	Automatic headlight control and static cornering light: checking function	47
4.4	Automatic gearbox 09P: changing ATF	48
4.5	Battery (12 V): checking battery terminal clamps for secure seating	49
4.6	Battery (12 V): checking with battery tester (always refer to workshop manual)	52
4.7	Status of battery (12 V): reading - sending diagnosis protocol via online connection	53
4.8	Front passenger front airbag: checking key switch and "ON/OFF function"	53
4.9	Tyres: checking condition, wear pattern, tyre pressure and tread depth	54
4.10	Brake and clutch system: Change brake fluid	64
4.11	Brake system and shock absorbers: inspecting for leaks and damage	70
4.12	Brake fluid level: Check	71
4.13	Brakes, front and rear: checking thickness of brake pads and condition of brake discs	72
4.14	Diesel fuel filter: draining	76
4.15	Diesel fuel filter: renewing	77
4.16	Diesel particulate filter: checking	79
4.17	Dual clutch gearbox 0D9: changing gear oil and filter	79
4.18	Dual clutch gearbox 0DL: changing gear oil	79
4.19	Dual clutch gearbox 0GC: changing gear oil	79
4.20	Electric windows: checking positioning (open and close functions)	80
4.21	Fault memory of all systems: reading with vehicle diagnostic tester, correcting possible faults according to repair guidelines	80
4.22	Boots: inspecting	81
4.23	Head-up display (HUD): removing protective film	81
4.24	Interior and exterior body: inspecting for corrosion with doors and flaps open	82
4.25	Poly V-belt: renewing	82
4.26	Poly V-belt: checking condition	82
4.27	Cooling system: checking frost protection and coolant level	84
4.28	Air filter: cleaning housing and renewing filter element	87
4.29	Multi-purpose additive for diesel fuel: adding	93
4.30	Multi-purpose additive for petrol fuel: adding	95
4.31	Engine and components in engine compartment: inspecting for leaks and damage (from above and below)	97
4.32	Engine cover panel "top": removing and installing	98



4.33	Engine data plate with Certification Test Group code: checking if fitted and for condition, also checking CTG codes against the code in the engine control unit	99
4.34	Engine compartment cover (noise insulation) "bottom": removing and installing	100
4.35	Engine oil level: checking	100
4.36	Engine oil: draining, renewing oil filter and filling engine oil	102
4.37	Engine oil: capacities and specifications up to model year ►2020	114
4.38	Engine oil: capacities and specifications as of model year 2021►	115
4.39	Panoramic sliding sunroof	116
4.40	Road test: performing (driving behaviour, noises, air conditioner etc.)	123
4.41	Wheel securing bolts: tightening to specified torque	124
4.42	Reducing agent (AdBlue®/DEF): replenishing	125
4.43	Reducing agent (AdBlue®/DEF): changing	130
4.44	Tyre Pressure Loss Indicator: calibrating	130
4.45	Tyre repair set: Checking	131
4.46	Window wash/wipe system and headlight washer system: checking function	132
4.47	Headlight adjustment: checking LED headlights with cornering light	135
4.48	Headlight adjustment: checking LED headlights	141
4.49	Sliding sunroof drains at rear: checking for blockage, cleaning if necessary	145
4.50	Service interval display: resetting	145
4.51	Service interval display: recoding	147
4.52	Track rods: checking clearance, attachment and boots	148
4.53	Dust and pollen filter: cleaning housing and renewing filter element	148
4.54	Transportation mode: switching off	149
4.55	Transportation devices: removing blocking pieces	149
4.56	Clock and date: setting	151
4.57	Underbody: inspecting for damage to underbody sealant, underbody panels, routing of lines, plugs	151
4.58	Toothed belt (petrol engines): renewing	151
4.59	Camshaft drive toothed belt (diesel engines): renewing	151
4.60	Spark plugs: Renew	152
<b>5</b>	<b>Exhaust emissions test</b>	<b>158</b>
5.1	Exhaust emissions test for petrol engines	158
5.2	Exhaust emissions test for diesel engines	160
<b>6</b>	<b>00 Periodic Technical Inspection (PTI)</b>	<b>163</b>
<b>7</b>	<b>Glossary</b>	<b>167</b>
<b>8</b>	<b>---Change history---</b>	<b>170</b>