



Contents

1	List of engines	1
2	Service work	4
2.1	Information about flexible or fixed service	4
2.2	Service tables up to model year ►2020	6
2.3	Service tables as of model year 2021►	14
3	General information	22
3.1	Raising vehicle with lifting platform or trolley jack	22
3.2	Entries in service schedule	25
3.3	Severe operating conditions	25
3.4	Vehicle data sticker	25
3.5	Vehicle diagnostic tester	26
3.6	Vehicle identification number	27
3.7	Countries with hot climate	28
3.8	Country overview for petrol not compliant with EN 228	29
3.9	Country overview for diesel not compliant with EN 590/EN 15940	30
3.10	Engine code and engine number	31
3.11	Countries with high levels of dust	31
3.12	Type plate	32
3.13	Shortened intervals for spark plug replacement	32
4	Descriptions of work	37
4.1	Swivel joints and suspension link mountings: inspecting	39
4.2	Automatic headlight control: carrying out functional check	42
4.3	Automatic gearbox: changing ATF (0D5 gearbox)	43
4.4	Battery (12V): checking battery terminal clamps for secure seating	43
4.5	Battery (12V): checking with battery tester (always refer to workshop manual)	45
4.6	Status of battery (12V): reading - sending diagnosis protocol via online connection	45
4.7	Front passenger front airbag: checking key switch and "ON/OFF function"	46
4.8	Tyres: checking condition, wear pattern, tyre pressure and tread depth	46
4.9	Brake system: changing brake fluid	56
4.10	Brake system and shock absorbers: inspecting for leaks and damage	60
4.11	Brake fluid level: checking	61
4.12	Brakes, front and rear: checking thickness of brake pads and condition of brake discs ..	62
4.13	Diesel fuel filter: renew	65
4.14	Diesel particulate filter: checking	68
4.15	Electric windows: checking positioning (open and close functions)	68
4.16	Reading event memory of all systems using vehicle diagnostic tester and rectifying any faults according to repair guidelines	69
4.17	Boots: inspecting	69
4.18	Removing and installing noise insulation	69
4.19	High-voltage battery: checking charge level	69
4.20	Maintenance of high-voltage battery	70
4.21	High-voltage battery: charging	70
4.22	Hybrid components: inspect for damage to high-voltage components and wires.	70
4.23	Interior and exterior body: inspecting for corrosion with doors and flaps open	71
4.24	Poly V-belt: renew	71
4.25	Poly V-belt: checking condition	72
4.26	Cooling system: checking anti-freeze protection and coolant level	76
4.27	Cooling system for high-voltage system: checking coolant additive and coolant level	79
4.28	Air filter: clean housing and renew filter element	81
4.29	Multi-purpose additive for diesel fuel: adding	86
4.30	Multi-purpose additive for petrol fuel: add	88
4.31	Engine and components in engine compartment: inspecting for leaks and damage (from above and below)	89
4.32	Removing and installing engine cover panel	90



4.33	Engine oil level: check	91
4.34	Engine oil: draining, renewing oil filter and filling engine oil	92
4.35	Engine oil: capacities and specifications up to model year ►2020	100
4.36	Engine oil: capacities and specifications as of model year 2021►	101
4.37	Panoramic sliding sunroof	102
4.38	Road test: performing (driving behaviour, noises, air conditioner etc.)	104
4.39	Wheel securing bolts: tighten to specified torque	105
4.40	Reducing agent (AdBlue®/DEF): replenishing	106
4.41	Reducing agent (AdBlue®/DEF): changing	109
4.42	Tyre Pressure Loss Indicator: calibrating	110
4.43	Tyre repair set: checking	110
4.44	Window wash/wipe system and headlight washer system: checking function	111
4.45	Checking LED headlights (Touareg CR7/RC8)	115
4.46	Checking LED matrix beam headlights (Touareg CR7)	117
4.47	Checking and adjusting LED headlights (matrix HD) in scope of inspection (Touareg RC8)	119
4.48	Checking and adjusting LED headlights (matrix HD) in scope of repair (Touareg RC8)	124
4.49	Sliding sunroof drains at front: check for blockage, clean if necessary	129
4.50	Service interval display: Reset	129
4.51	Service interval display: recoding	130
4.52	Track rods: checking clearance, attachment and boots	131
4.53	Infotainment system: privacy settings adjustment	131
4.54	Interior filter: cleaning housing and renewing filter element	131
4.55	Transport mode: switching off	132
4.56	Transportation devices: removing blocking pieces	132
4.57	Time and date: set	133
4.58	Underbody: inspecting for damage to underbody sealant, underbody panels, routing of lines, plugs	134
4.59	Warning stickers, Touareg eHybrid: checking	134
4.60	Water drain valves at rear: check for blockage, clean if necessary	134
4.61	Renewing spark plugs	134
5	Exhaust emissions test	141
5.1	Exhaust emissions test for petrol engines	141
5.2	Exhaust emissions test for diesel engines	143
6	00 Periodic Technical Inspection (PTI)	147
7	Glossary	151
8	---Change history---	154