



## Contents

<b>1</b>	<b>Engine list</b>	<b>1</b>
<b>2</b>	<b>Service work</b>	<b>4</b>
2.1	Information about flexible or fixed service	4
2.2	Service tables	7
2.3	Scopes of service	16
<b>3</b>	<b>General information</b>	<b>34</b>
3.1	Vehicle identification number	34
3.2	Vehicle data sticker	34
3.3	Severe operating conditions	35
3.4	Identification plate	35
3.5	Engine code and engine number	37
3.6	Label	37
3.7	Entries in service schedule	38
<b>4</b>	<b>Descriptions of work:</b>	<b>39</b>
4.1	Raising vehicle with lifting platform and trolley jack	41
4.2	Reading ash mass (saturation level) of diesel particulate filter	45
4.3	Battery isolation switch	47
4.4	Checking that battery positive terminal clamp is securely attached	47
4.5	Battery (also second battery): Checking	49
4.6	Driver and front passenger airbag: visually checking airbag units	56
4.7	Checking tyres: condition, wear pattern, tyre pressure, tread depth	57
4.8	Brake system: inspect for leaks and damage.	61
4.9	Brake pads/linings: check thickness and condition of brake discs, front and rear.	61
4.10	Changing brake fluid	65
4.11	Brake fluid level (dependent upon brake pad/lining wear): check.	67
4.12	Electric windows: checking positioning (open and close functions)	68
4.13	Sliding/tilting glass sunroof: Checking positioning (open and close functions)	69
4.14	Self-diagnosis: reading event memory of all systems	70
4.15	Dust and pollen filter (interior filter): Cleaning housing and renewing filter element	74
4.16	Fuel filter: draining water (diesel engine)	75
4.17	Fuel filter: renewing (diesel engine)	75
4.18	Fuel system: Bleeding (diesel engine)	78
4.19	AdBlue® (reducing agent)	79
4.20	Cooling system: checking frost protection and coolant level	90
4.21	Air filter: cleaning housing and renewing filter element	92
4.22	Engine oil level: checking	94
4.23	Engine oil: capacities and specifications	95
4.24	Engine oil: Draining or extracting and replenishing; renewing oil filter	96
4.25	Engine and components in engine compartment: inspecting for leaks and damage (from above and below)	100
4.26	Breakdown set: Checking	101
4.27	Carry out road test	101
4.28	Wheel securing bolts: Tightening to specified torque	102
4.29	Radio-navigation system: Insert navigation CD/DVD and perform update	103
4.30	Windscreen wash/wipe system and headlight washer system: Checking function and settings	103
4.31	Wiper blades: checking park position	107
4.32	Headlight adjustment: Check, adjust if necessary	110
4.33	Service interval display: resetting	113
4.34	Service interval display: Adapting	115
4.35	Steering, track rod end and steering linkage bellows: Check play and security	116
4.36	Swivel joints and suspension link mountings: inspecting	117
4.37	Power assisted steering: check fluid level.	123



4.38	Paint: Visual check for damage and corrosion, interior and exterior with doors and bonnet/ rear lid/flaps open	125
4.39	Rear end door hinges: lubricate	126
4.40	Front axle differential, transfer box and rear axle differential	126
4.41	Water drain hole in floor area of sliding door: checking	135
4.42	Underbody protection: visual check for damage	135
4.43	Clock: setting to correct time	135
4.44	Tow starting and towing	138
4.45	Switching off electric system ("red slide")	141
4.46	Switching on electric system ("red slide" version)	141
4.47	Switching off electric system ("button" version)	141
4.48	Switching on electric system ("button" version)	142
4.49	Synchronisation of electric system	142
4.50	Checking first aid box expiry date	142
4.51	Trailer coupling: check function, play and security	142
4.52	Towing bracket: lubricating	145
4.53	6-speed manual gearbox OCB	145
4.54	Gearbox, final drive and drive shaft bellows: inspect for leaks and damage	147
4.55	Tightening leaf spring bolts	148
4.56	Air filter saturation indicator (if fitted): Carry out visual check	149
4.57	Activated charcoal/combination filter for air conditioning system: Renew filter element	149
4.58	Felt filter mat for roof air conditioning system: Renew filter element	149
4.59	Check seat belts and belt buckles for external damage and function	150
4.60	Retightening threaded connections of Crafter 4MOTION with Achleitner four-wheel drive	151
4.61	Camshaft drive toothed belt: check condition	154
4.62	Bonded rubber bushes for transfer box: Renew	155
4.63	Propshaft for front axle: Renew	155
4.64	Front and rear wheel bearings: Renew	155
4.65	Gearbox balance weight: Renew	155
4.66	Boot for brake piston: Renew	155
4.67	Poly V-belt: checking condition	155
<b>5</b>	<b>Exhaust emissions test</b>	<b>159</b>
5.1	Exhaust emissions test for diesel engines	159