

**Gerni**  
- danish cleaning power

# NEPTUNE 4

**Spare parts**



# NEPTUNE 4

## Key to symbols

### Recommended spare parts

#### A-Parts:

High turning parts. Recommended stock size is: [Number of machines sold x 0.02] or minimum 1.

These parts are typical: Water seals, valves, etc.

#### B-Parts:

Medium turning parts. Recommended stock size is: [Number of machines sold x 0.01] or minimum 1.

These parts are typical: By-pass valves, safety valves, seal kit, hoses, wobble disc bearings, etc.

#### C-Parts:

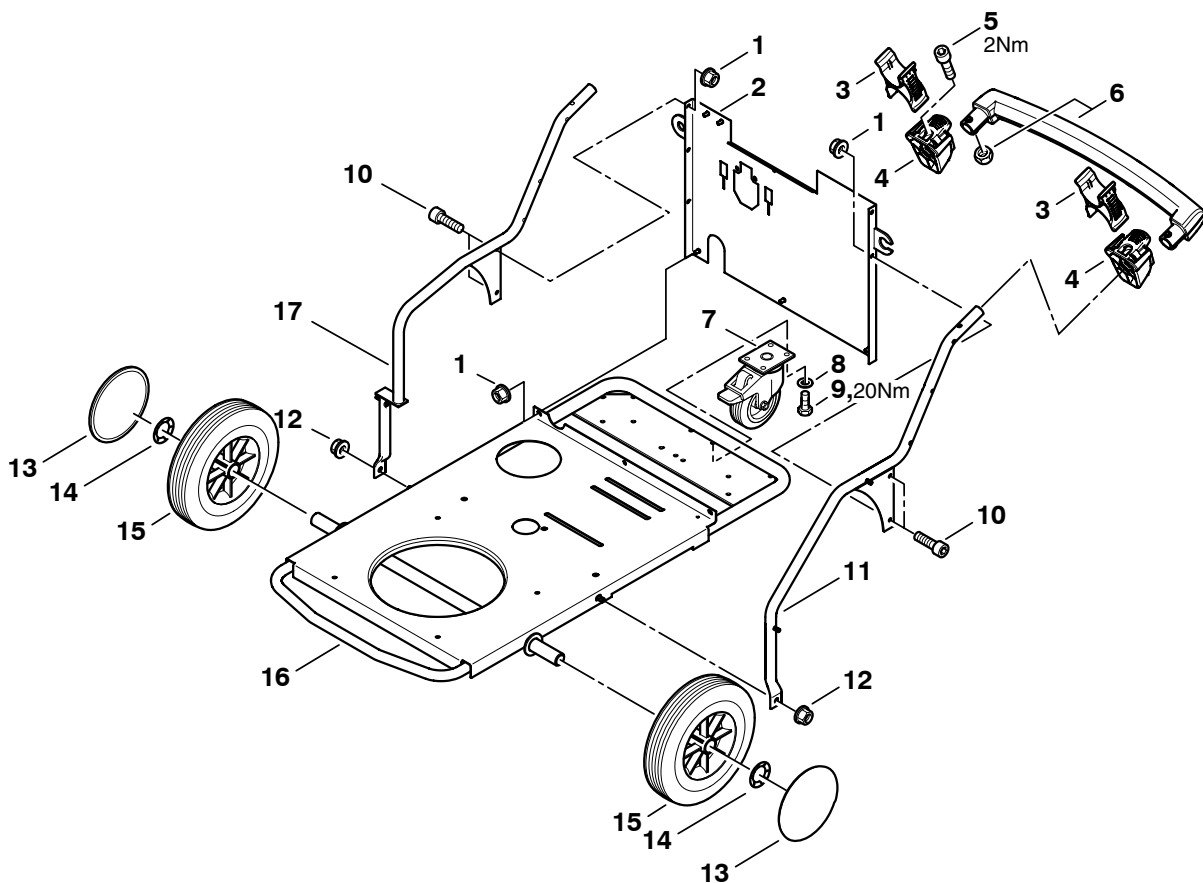
Low turning parts. Recommended stock size is: Minimum 1.

These parts are typical: Electric parts, motors, transformers, relays, fuses, cylinder head, etc.

◇ ATTENTION! - Lengths in metres - Please indicate required length when ordering!

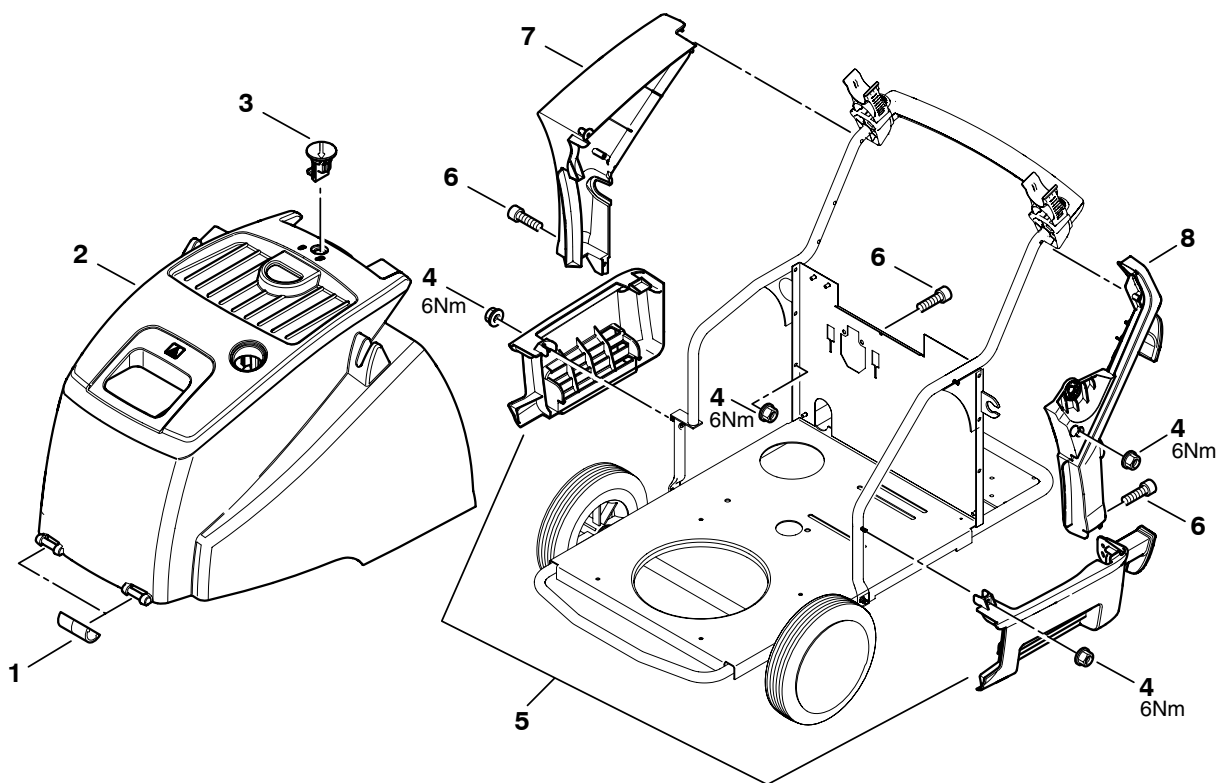
\* consisting of

● includes



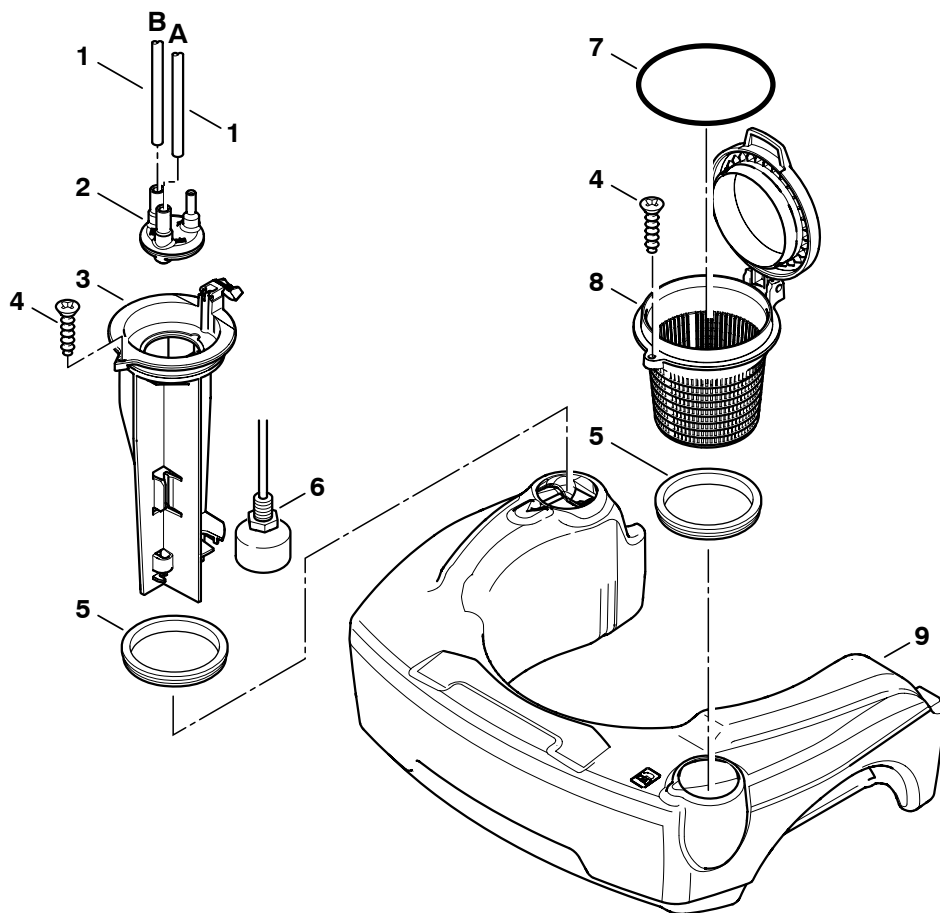
NEPTUNE4-101

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	12496	Hexagon Nut M6			7
2	301001256	Rear Wall 487x394x21			1
3	301001284	Lance Holder			2
4	301001283	Holder-lance			2
5	5945	Screw M6x30			2
6	301000447	Handle cpl.			1
7	301001547	Castor Ø100			1
8	2762	Washer 8,4x1,6			4
9	5370	Screw M8x10			4
10	3913	Screw M6x12			4
11	301001251	Tube Frame Left			1
12	61467	Hexagon Nut M8			2
13	65653	Wheel Cap Ø250			2
14	1813799	Spring Plate Washer			2
15	301000989	Wheel Ø250x75			2
16	301002481	Base frame			1
17	301002488	Frame right			1



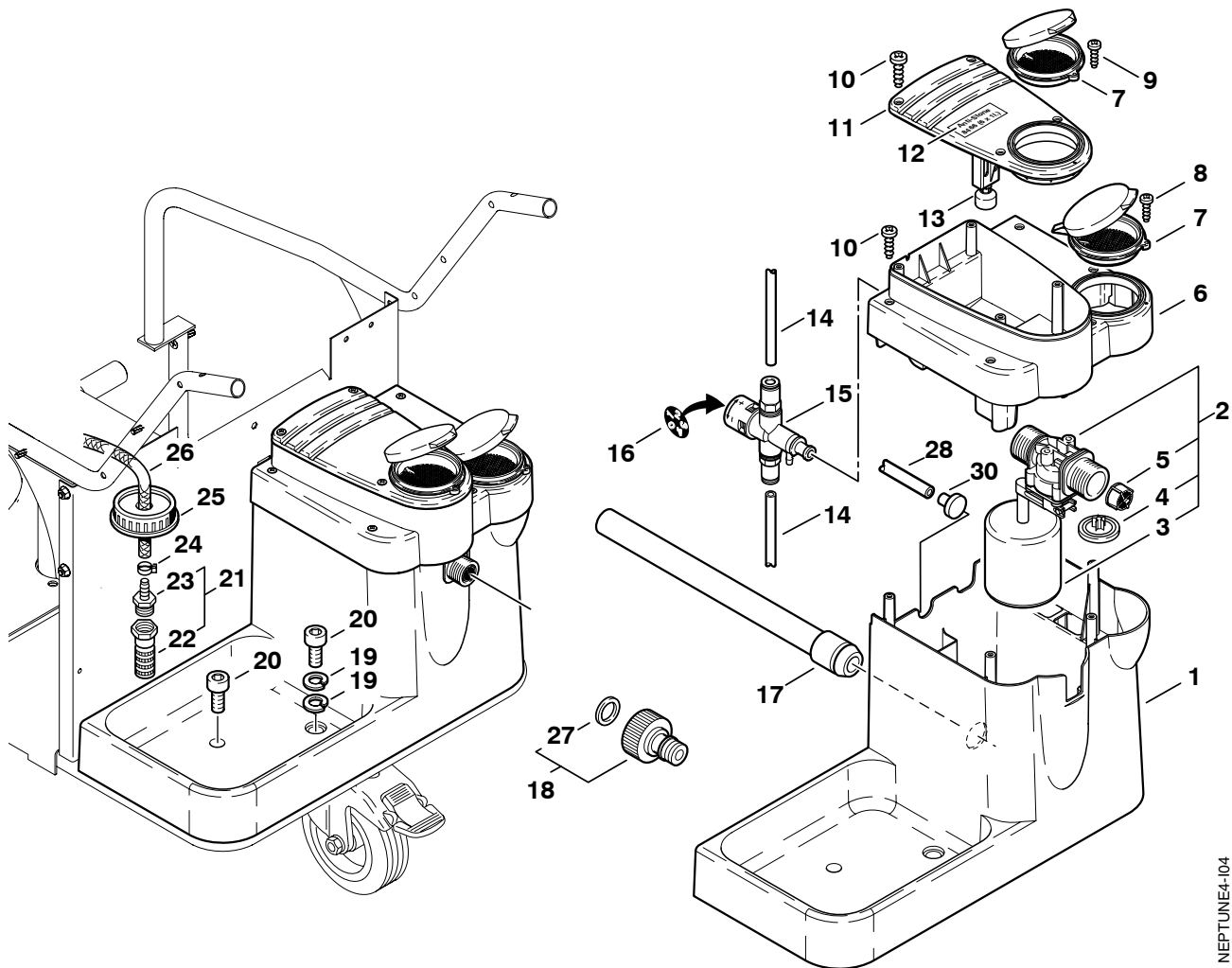
NEPTUNE4-102

Pos.	No.	Description	Comment	Rec. Part	
				NEPTUNE 4	
1	301001518	Safety-clip cover			2
2	301002964	Cover NEPTUNE 4 (green)			1
3	301001261	Locking Bolt Ø29x35			1
4	12496	Hexagon Nut M6			5
5	301001422	Side Cabinet Lower Set			1
6	3913	Screw M6x12			3
7	301001188	Side Cabinet Upper Right			1
8	301001187	Side Cabinet Upper Left			1



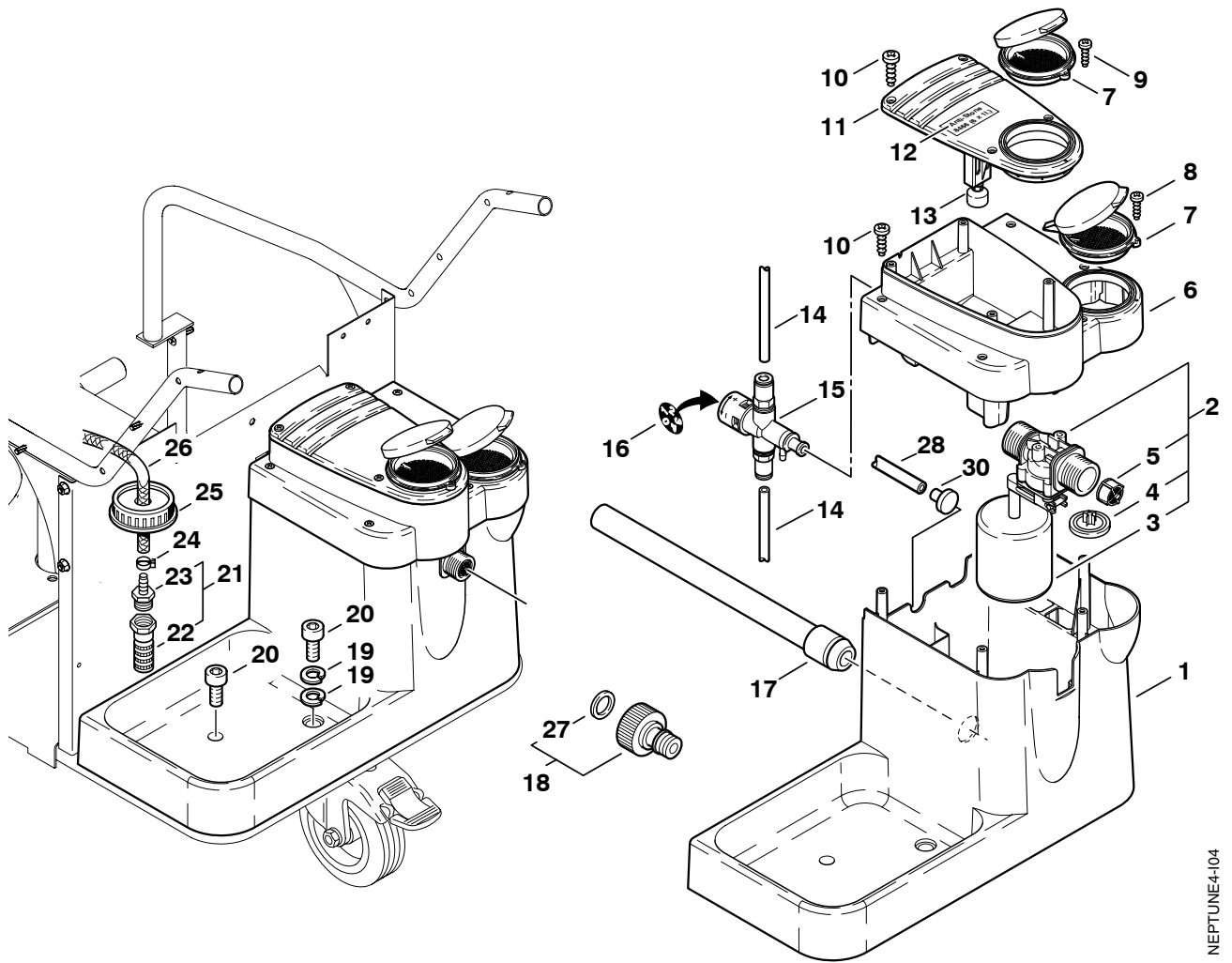
NEPTUNE4-103

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
✧	1	17710 Pipe Ø6x1			1
	2	301001276 Plug Ø40x42			1
	3	301001262 Level Sensor Holder			1
	4	18086 Screw 2,9x13			2
	5	301000620 Gasket Ø79,6xØ66x10			2
	6	301001196 Float Switch 10VA		C	1
	7	909100173 O-ring Ø56x5			1
	8	301001292 Filter -cup Ø98,8			1
	9	301001208 Fueltank			1



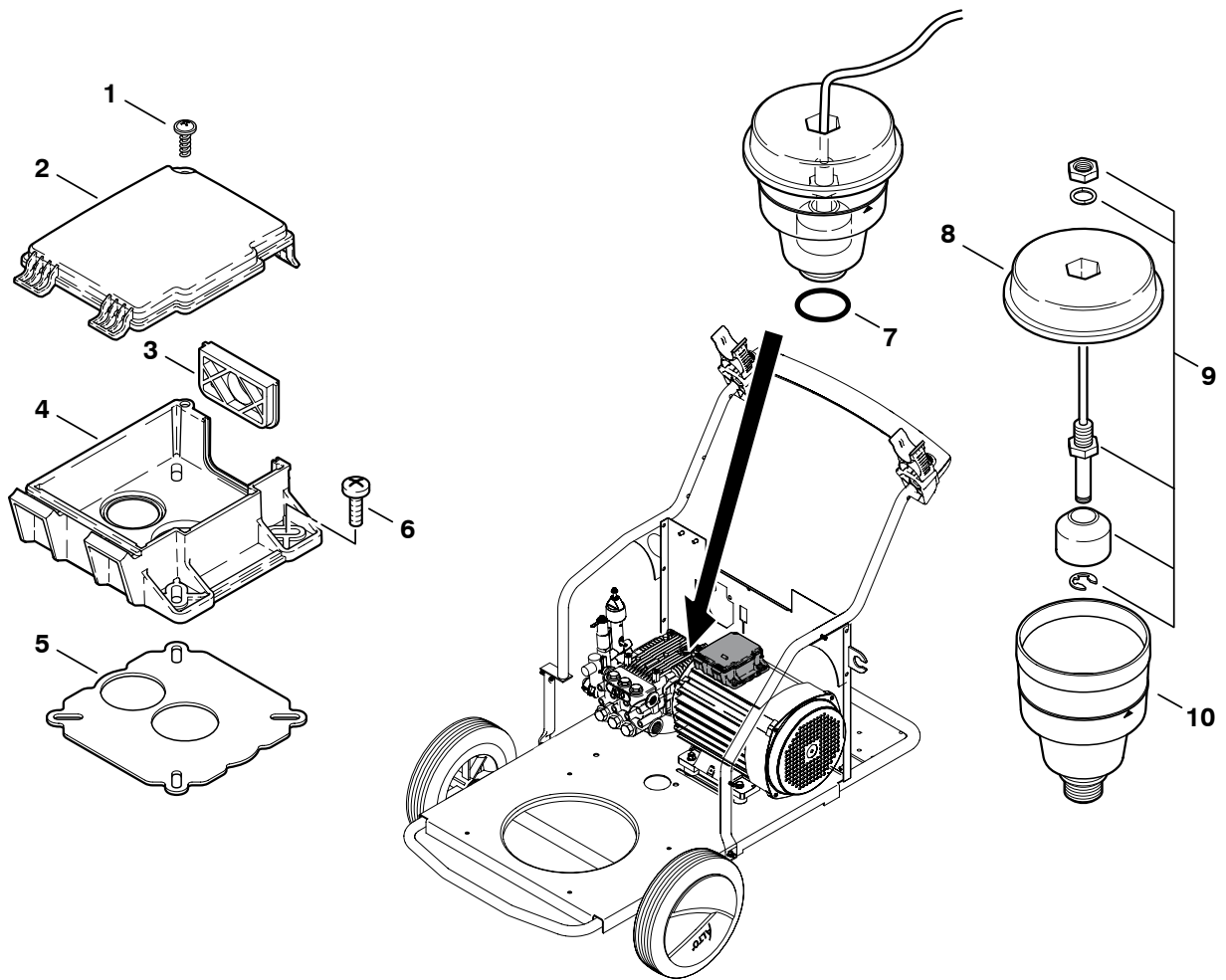
NEPTUNE4-104

Pos.	No.	Description	Comment	Rec. Part NEPTUNE 4
1	301000563	Water Break Tank		1
2	63347	Float Valve		1
3	62877	Float valve Ø55x60		1
4	62878	Membrane		1
5	34225	Filter		C 1
6	301000562	Anti Scale Tank		1
7	301000561	Cover-can detergent		2
8	18086	Screw 2,9x13		1
9	5606	Screw 2,9x19		1
10	56727	Screw 5x20		8
11	301000560	Cover Anti Scale Tank		1
12	301000932	Label "Anti-Stone"		1
13	301000695	Float Switch 10VA		1
⇧ 14	909100141	Pipe Ø4x1		1
15	64445	Anti Scale Valve		1
16	301000915	Label Ø20		1
17	301000713	Suction Hose Ø22x295		1
18	61369	Hose Nozzle Ø20R3/4"		1
19	2770	Lock Washer A8		2
20	8892	Screw M8x16		2
21	17508	Valve		1
22	3205	Valve		1
23	5283	Hose Nozzle Ø6R3/8		1
24	11654	Hose Clamp Ø11,5		1



NEPTUNE4-104

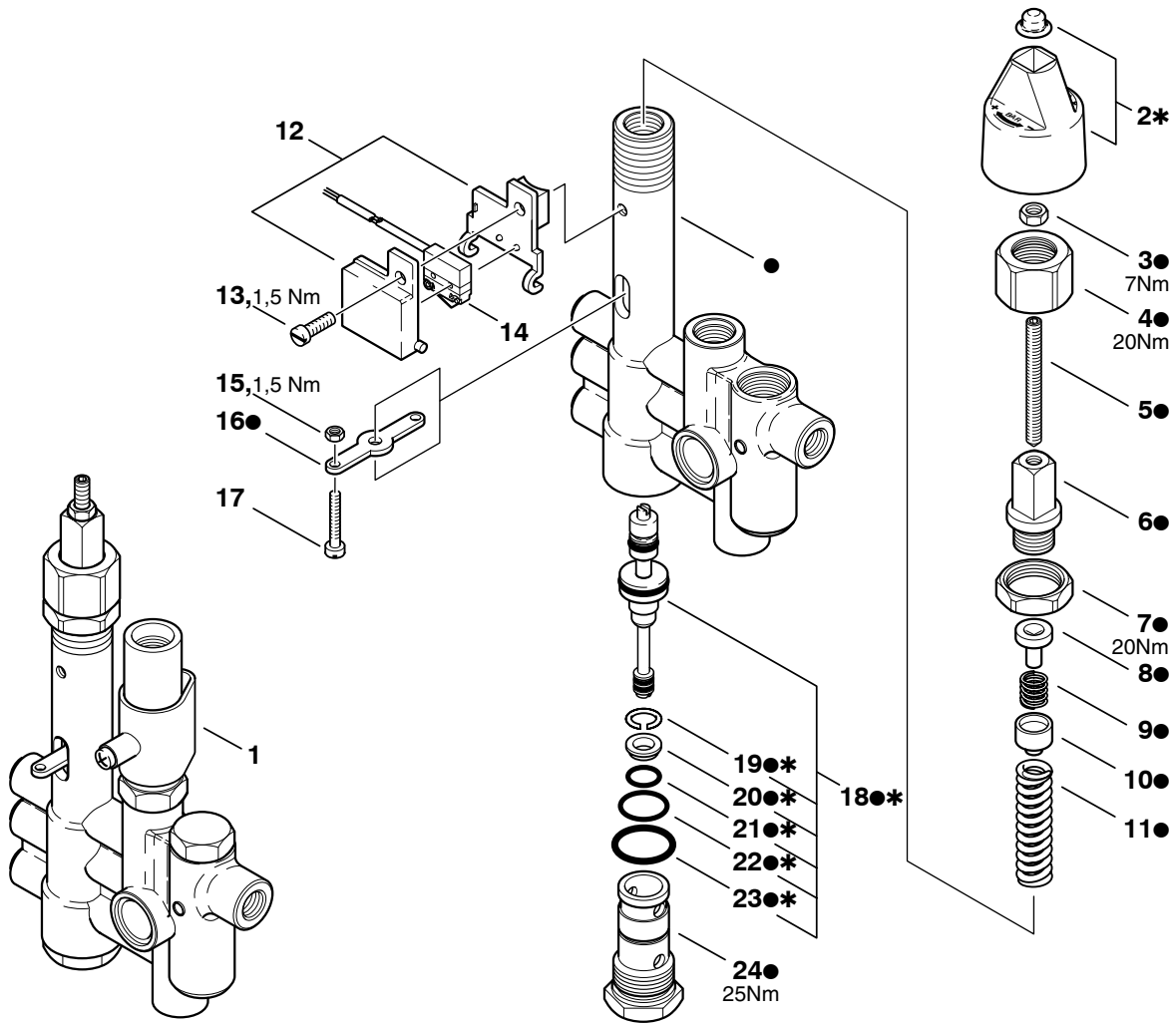
Pos.	No.	Description	Comment	Rec. Part NEPTUNE 4
	25	301001004	Closing cap w.hole Ø65x22	1
◇	26	4973	Hose Ø6x3	1
	27	46487	Packing Ring 21x29x2,5	1
	28	6400240	Filter	1



NEPTUNE4-105

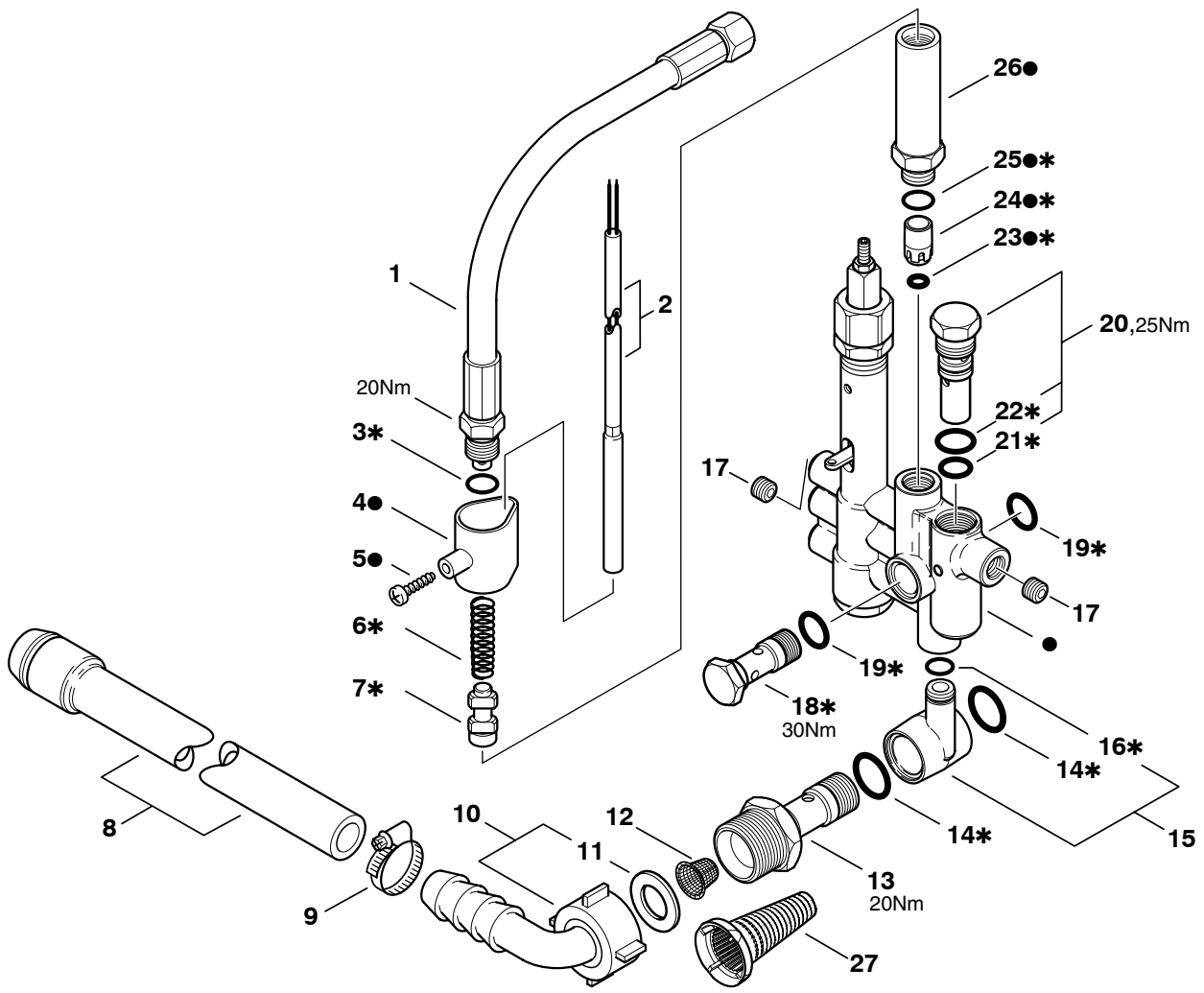
Pos.	No.	Description	Comment	Rec. Part NEPTUNE 4
1	10028	Screw 5x14		1
2	301000782	Cover El.Box 128,2x112,5		1
3	17106	Insert 29x52		1
4	301000781	Electric Box		1
5	301000845	Gasket 100x100x1		1
6	32535	Screw M5x16		4
7	19690	O-ring Ø19x1,8		1
8	301000615	Cover Ø70x15,5		1
9	301001196	Float Switch 10VA		C 1
10	301000614	Pumpoil Container Ø66,8x84		1





NEPTUNE4-106

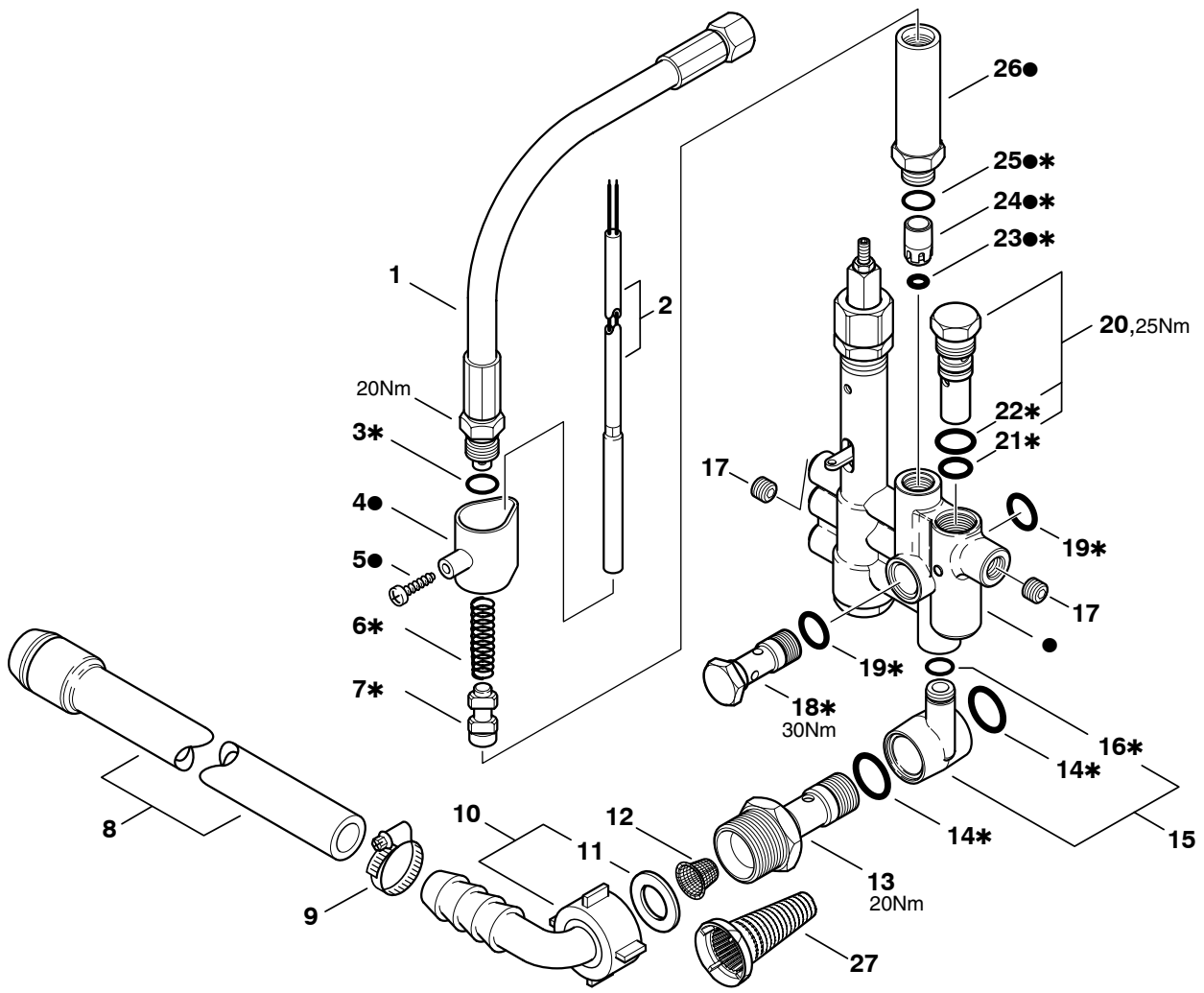
Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301001810	Unloader Valve	includes ●	C	1
* 2	62397	Rotary Knob			1
● 3	3136	Hexagon Nut M6			1
● 4	62710	Union Nut M24x1,5x21			1
● 5	62711	Set Screw M6x60			1
● 6	62712	Hollow Screw M16x1x9			1
● 7	62696	Hexagon Nut M24x1,5x6			1
● 8	62695	Spring Support			1
● 9	62713	Spring			1
● 10	62694	Spring Support			1
● 11	40972	Spring 3,5x10,5x54			1
12	62401	Bracket			1
13	3349	Screw M5x16			1
14	301000731	End Switch 250V 0,1A		B	1
15	2759	Hexagon Nut M4			1
● 16	62717	Contact Stud			1
17	5076	Screw M4x25			1
●* 18	64314	Repair Kit		B	1
●* 19	909100001	Ring Ø14			1
●* 20	62708	Valve Seat Ø8,5/Ø11,4/Ø13,9x4			1
●* 21	49461	O-ring Ø11x1,5			1
●* 22	9523	O-ring Ø17x1,5			1
●* 23	32091	O-ring Ø21x2			1
● 24	64301	Hollow Screw M24x1,5		C	1
	63056	Repair Kit Unloader Valve	consisting of: *	B	1



NEPTUNE4-107

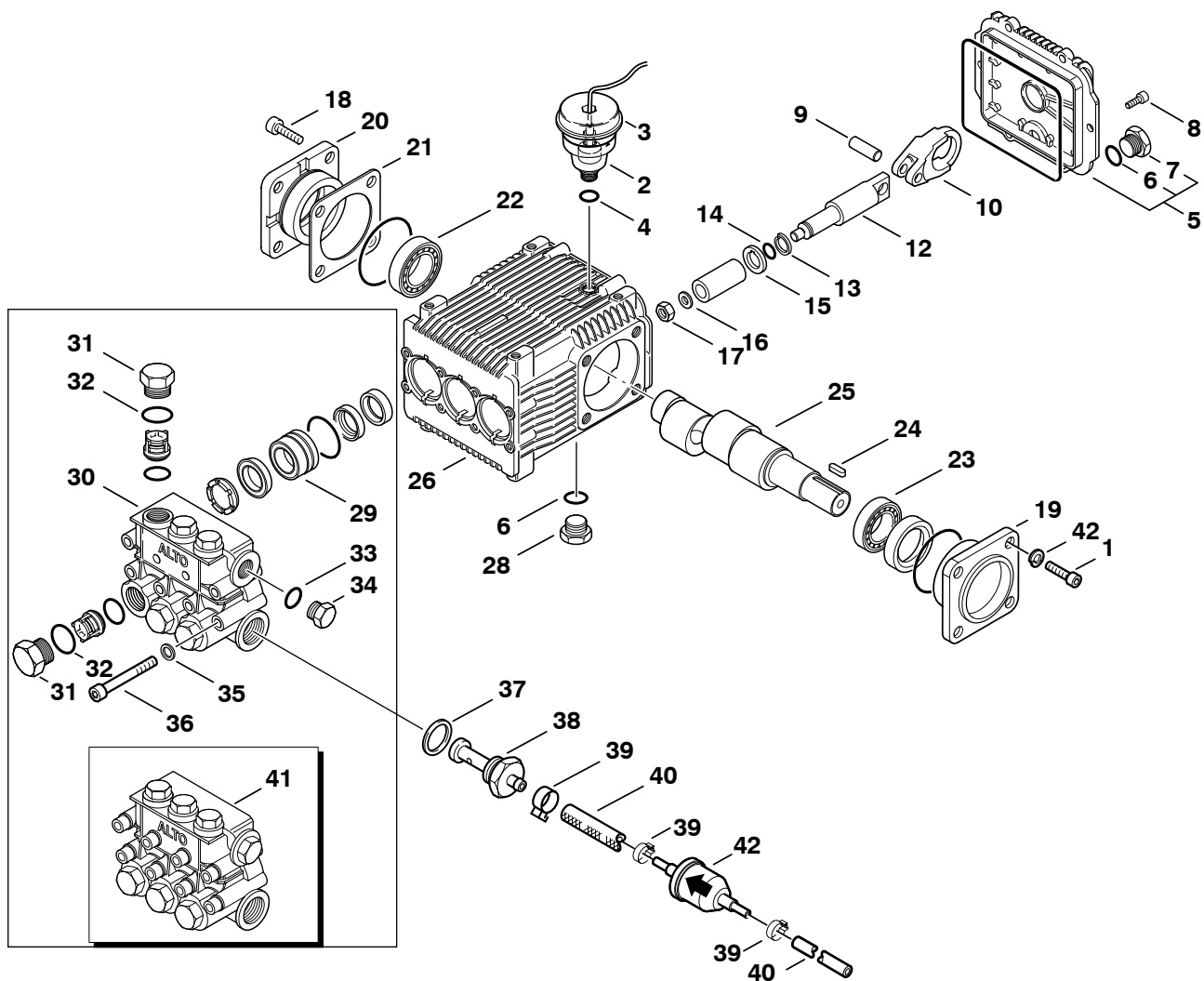
Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301000854	HP-Hose Ø8x610			1
2	301002458	Reed contact Ø8x75		C	1
* 3	62706	O-ring Ø13x2			1
● 4	62399	Bracket for reed-contact			1
● 5	10028	Screw 5x14			1
* 6	6231	Spring 0,5x11x44		B	1
* 7	57571	Contact Piston		B	1
8	301000713	Suction Hose Ø22x295			1
9	8298	Hose Clip 16-27			1
10	5613	Hose Nozzle Ø13 90°			1
11	15587	Packing Ring 14x24x2			1
12	62600	Filter 500µ Ø21,4x19,7	⇒ 31.10.2006	C	1
13	301001297	Hollow Screw G1/2"-G3/4"x72			1
* 14	24347	O-ring Ø21x2,5			2
15	63058	Connection			1
* 16	13739	O-ring Ø10x2			1
17	30993	Plug G1/4			2
* 18	62697	Hollow Screw G3/8		C	1
* 19	16443	O-ring Ø17x2			2
20	62730	Safety Valve 200 bar	4-27	A	1
20	301000911	Safety Valve 250 bar	4-49 X	A	1
* 21	62706	O-ring Ø13x2			1
* 22	16443	O-ring Ø17x2			1
●* 23	56519	O-ring Ø6,5x3			1
●* 24	301000905	Piston Ø14,6x25,5			1

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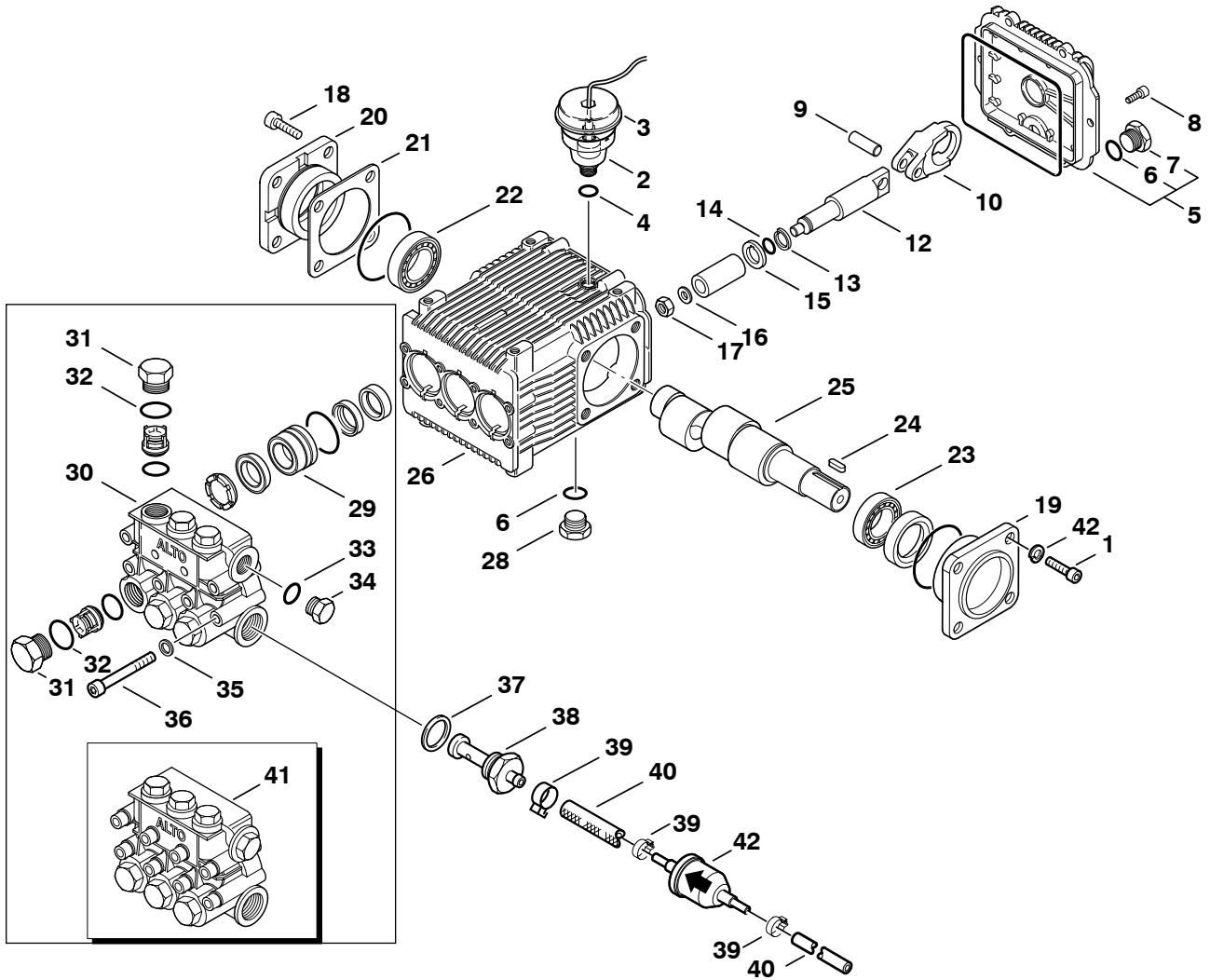


NEPTUNE4-107

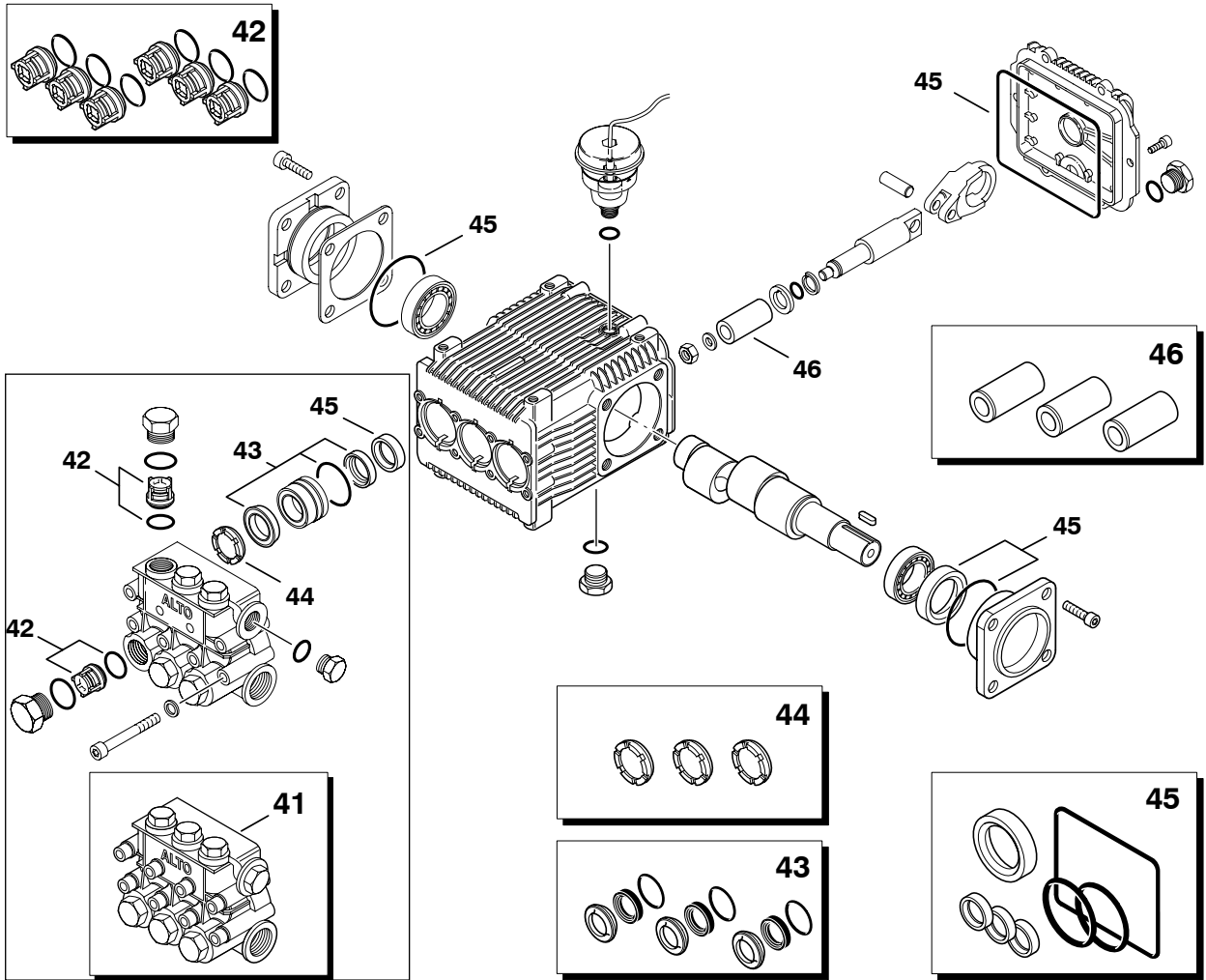
Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
●*	25	16998 O-ring Ø14x1,5			1
●	26	62722 Fitting			1
27	301002394	Filter	01.11.2006 ⇒		
	301001810	Unloader Valve	includes ●	C	1
	63056	Repair Kit Unloader Valve	consisting of: *	B	1



Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	3928	Screw M8x30	4-27		4
1	6863	Screw M8x35	4-49 X		4
2	301000614	Pumpoil Container Ø66,8x84			1
3	301000615	Cover Ø70x15,5			1
4	56554	O-ring Ø14x1,78			1
5	301001158	Cover			1
6	56554	O-ring Ø14x1,78			2
7	301001135	Plug G3/8"			1
8	909100158	Screw M6x14			6
9	301001138	Bolt		B	3
10	301001168	Connecting Rod	Bronze, 4-49 X	B	3
10	301001169	Connecting rod	Aluminium, 4-27	B	3
12	301001156	Piston Rod		B	3
13	49900	Supporting Ring Ø8x11x1			3
14	3001740	O-ring Ø7,66x1,78			3
15	301001139	Distance Spacer			3
16	909100165	Packing Ring Ø8x17			3
17	909100167	Hexagon Nut M8			3
18	2788	Screw M8x16			4
19	301001167	Bearing Lid 80x80x8 Open			1
20	301001166	Bearing Lid 80x80x8 Closed			1
21	301001140	Adjusting Washer 80x80x0,05		B	1
21	301001141	Adjusting Washer 80x80x0,10		B	1
21	301001142	Adjusting Washer 80x80x0,20		B	1
21	301001143	Adjusting Washer 80x80x0,25		B	1

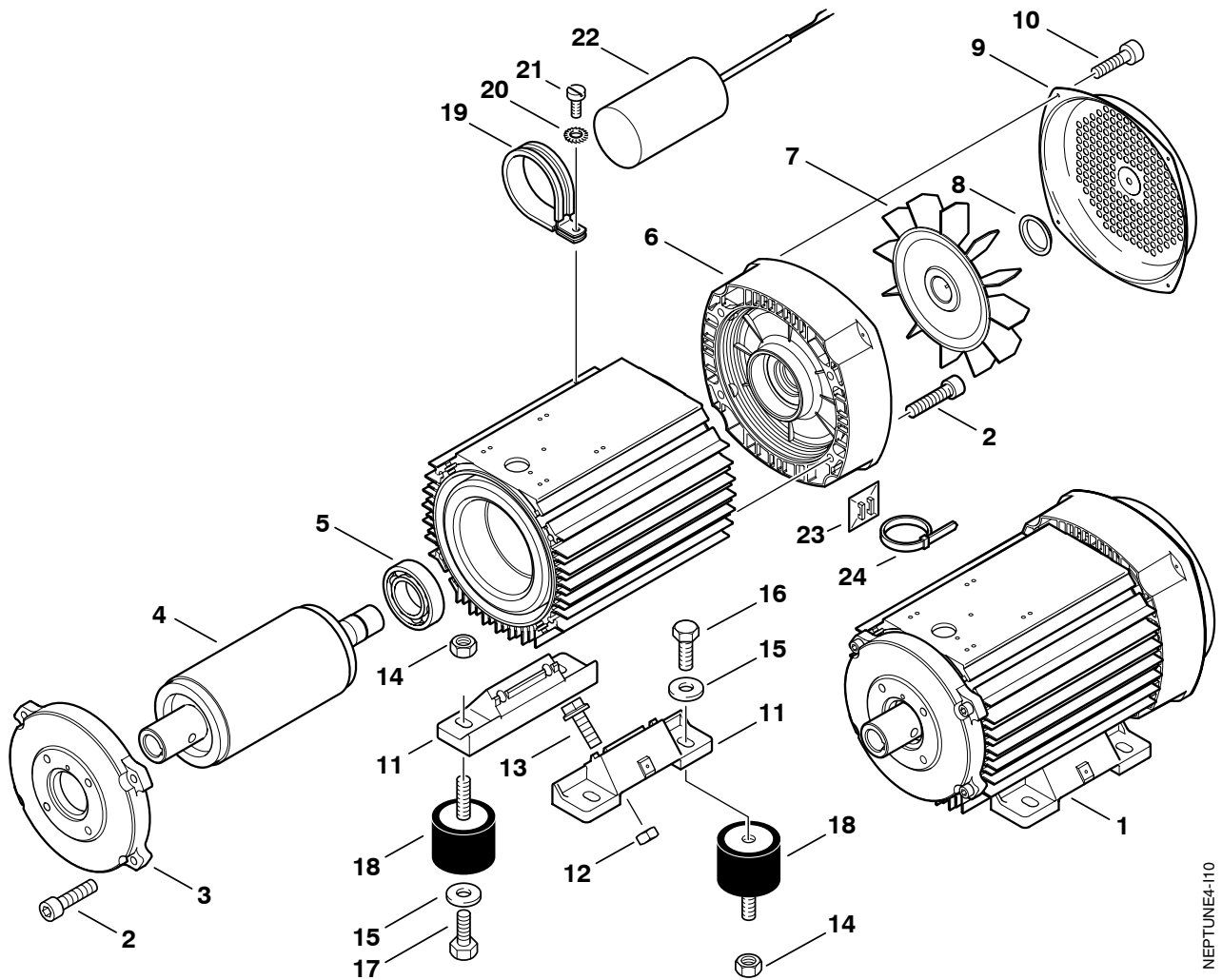


Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
	22	909100163	Roller Bearing 30304		C 1
	23	909100162	Roller Bearing 30205		C 1
	24	19639	Parallel Key A 8x7x25		1
	25	301001161	Crankshaft No.6	4-27	C 1
	25	301001165	Crankshaft No.1	4-49 X	C 1
	26	301001157	Housing		1
	28	301001135	Plug G3/8"		1
	29	301001154	Thrust Collar Ø18 "NP5-pump"		B 3
	30	301001172	Valve block		1
	31	301001137	Plug M22 SW24x21		6
	32	103004342	O-ring Ø17,86x2,62		6
	33	1409	Packing Ring Ø17x23		1
	34	301001134	Plug G3/8"		1
	35	909100168	Safety Washer Ø8		8
	36	1814597	Screw M8x70		8
	37	5127	Packing Ring Ø21x26		1
	38	301002402	Hollow screw G1/2"	4-49 X	1
	38	301002405	Hollow screw G1/2"	4-27	1
	39	11654	Hose Clamp Ø11,5		1
◇	40	4973	Hose Ø6x3		1
	41	301001170	Valve Block Compl. Ø18mm Piston		C 1
	42	301002926	Filter	01.10.2006 ⇒	1
		301000791	Pump NP5 15.20 N	4-49 X	1
		301000994	Pump NP5 10.12 N	4-27	1



NEPTUNE4-109

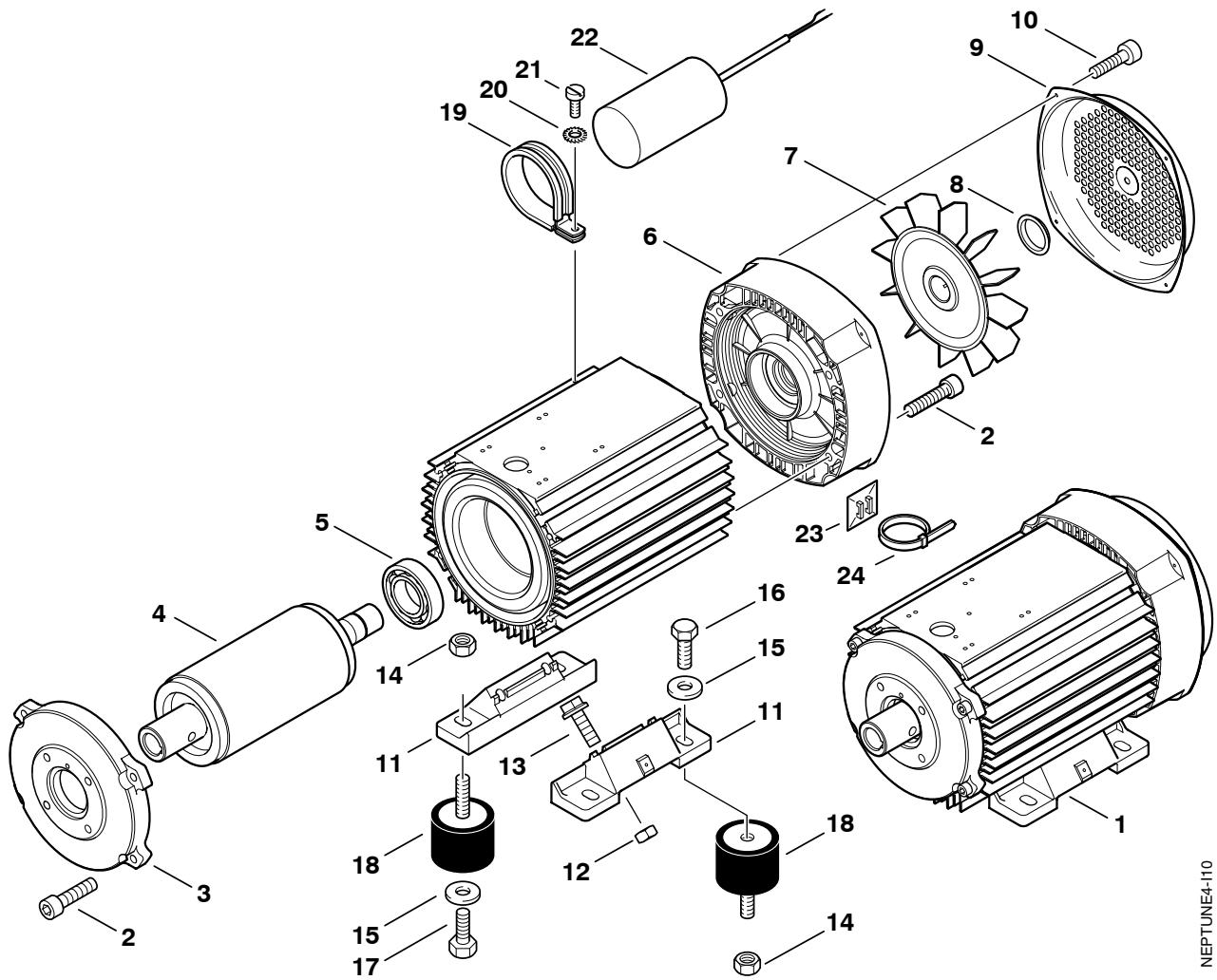
Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
41	301001170	Valve Block Compl. Ø18mm Piston		C	1
42	301001153	Kit Valve [6x]		A	1
43	301001148	Kit Piston Sealing Ø18		A	1
44	301001151	Kit Support Ring Ø18		B	1
45	301001150	Kit Oil Sealing		B	1
46	301001146	Kit Piston Ø18		C	1



NEPTUNE4-110

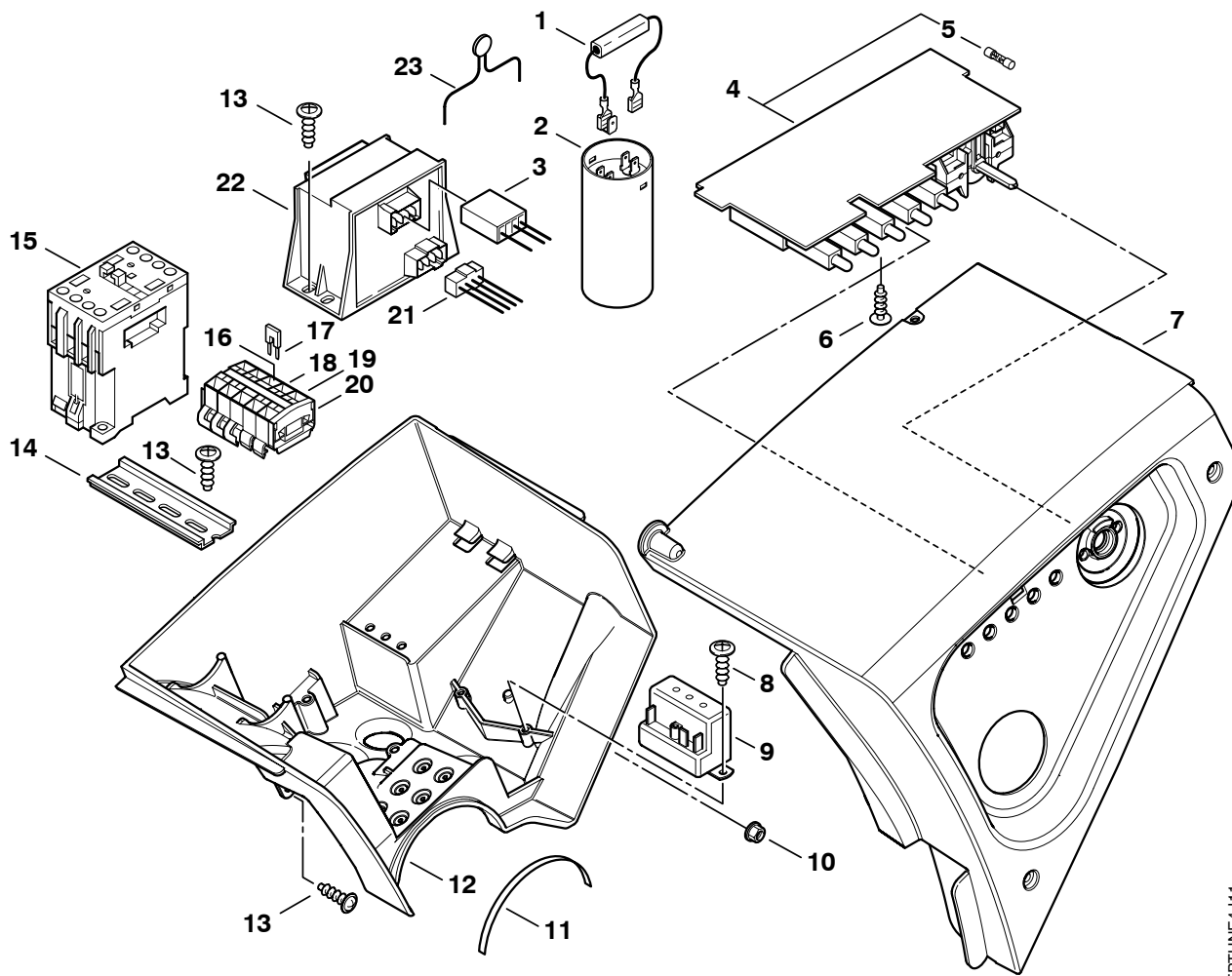
Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301000750	Motor 2,2kW/230/1	4-27	C	1
1	301000752	Motor 5.5kW/230/400/3	4-49 X	C	1
2	6863	Screw M8x35	4-49 X		8
2	15045	Screw M6x35	4-27		8
3	301001119	Motorflange	4-49 X		1
3	301001120	Motorflange	4-27		1
4	301001121	Rotor Motor 2.2kW	4-27	C	1
4	301001123	Rotor Motor 5.5kW	4-49 X	C	1
5	5905	Roller Bearing 6306-2Z	4-49 X	C	1
5	6367	Roller Bearing 6206-2Z	4-27	C	1
6	301001113	Rear Bearing Cover	4-49 X		1
6	301001114	Rear Bearing Cover	4-27		1
7	301001117	Fan Wheel	4-49 X	C	1
7	301001118	Fan Wheel	4-27	C	1
8	301001112	Fastening Ring			1
9	301001115	Fan Housing	4-49 X		1
9	301001116	Fan Housing	4-27		1
10	8822	Sheet Metal Screw 3,5x9,5			4
11	301001126	Motor Foot H45mm	4-49 X		2
11	301001127	Motor Foot H51mm	4-27		2
12	6052	Hexagon Nut M8			4
13	27372	Screw M8x20			4
14	61467	Hexagon Nut M8			4
15	2793	Washer 8,4x2			8
16	2750	Screw M8x25			2

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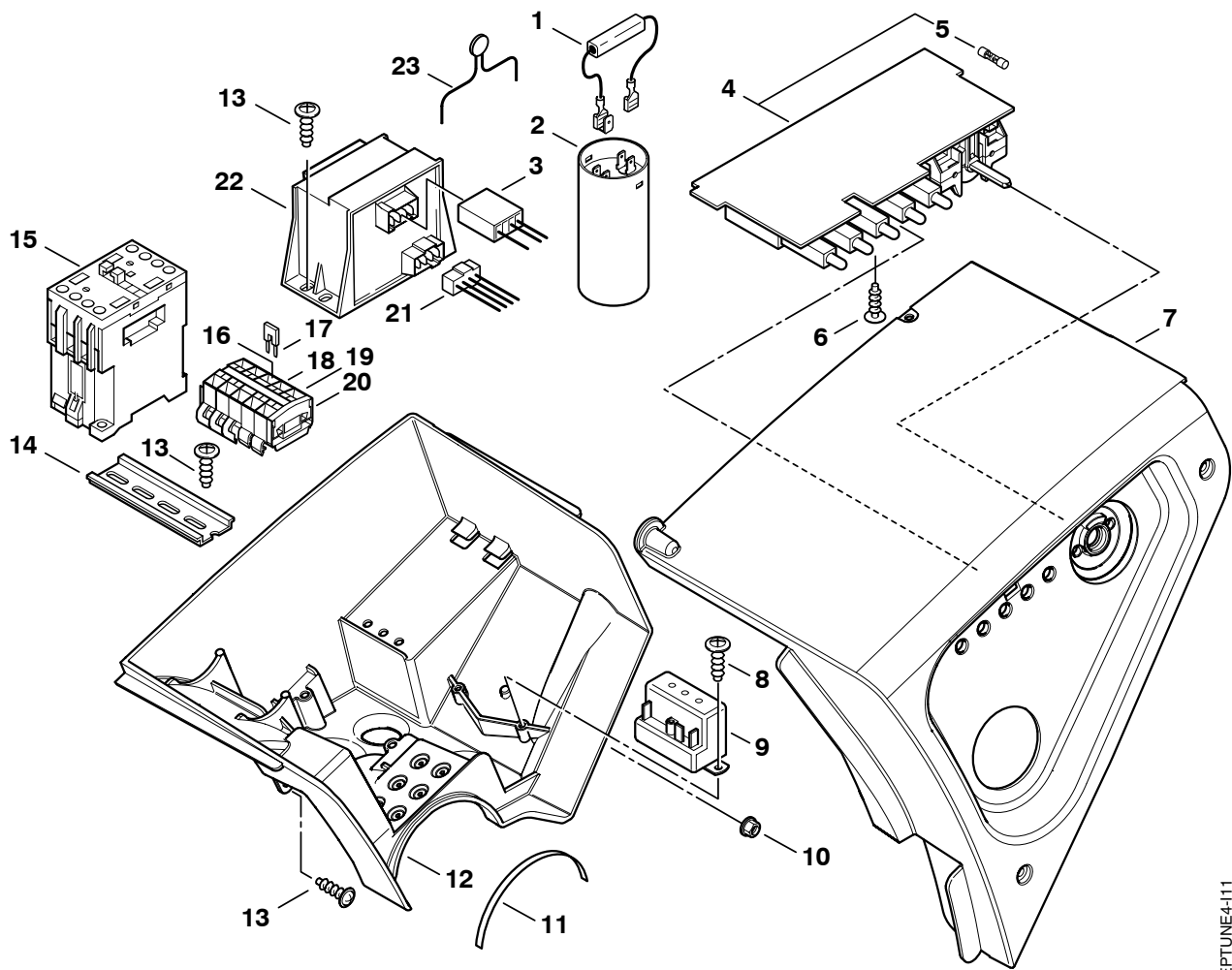
Pos.	No.	Description	Comment	Rec. Part NEPTUNE 4
17	8919	Screw M8x12		2
18	49924	Anti Vibration Damper Ø30x20		4
19	301001093	Fastening Clip Ø50,8x16,3	4-27	1
20	3376	Serrated Lock Washer Ø5,3	4-27	1
21	3348	Screw M5x10	4-27	1
22	301001017	Capacitor 60µF/450V	4-27	C 1
22	2423	Adhesive clip	01.10.2006 ⇒	1
23	15884	Cable strap	01.10.2006 ⇒	1
24	1801182	Spring washer		4
25	1803949	Screw M8x20		4





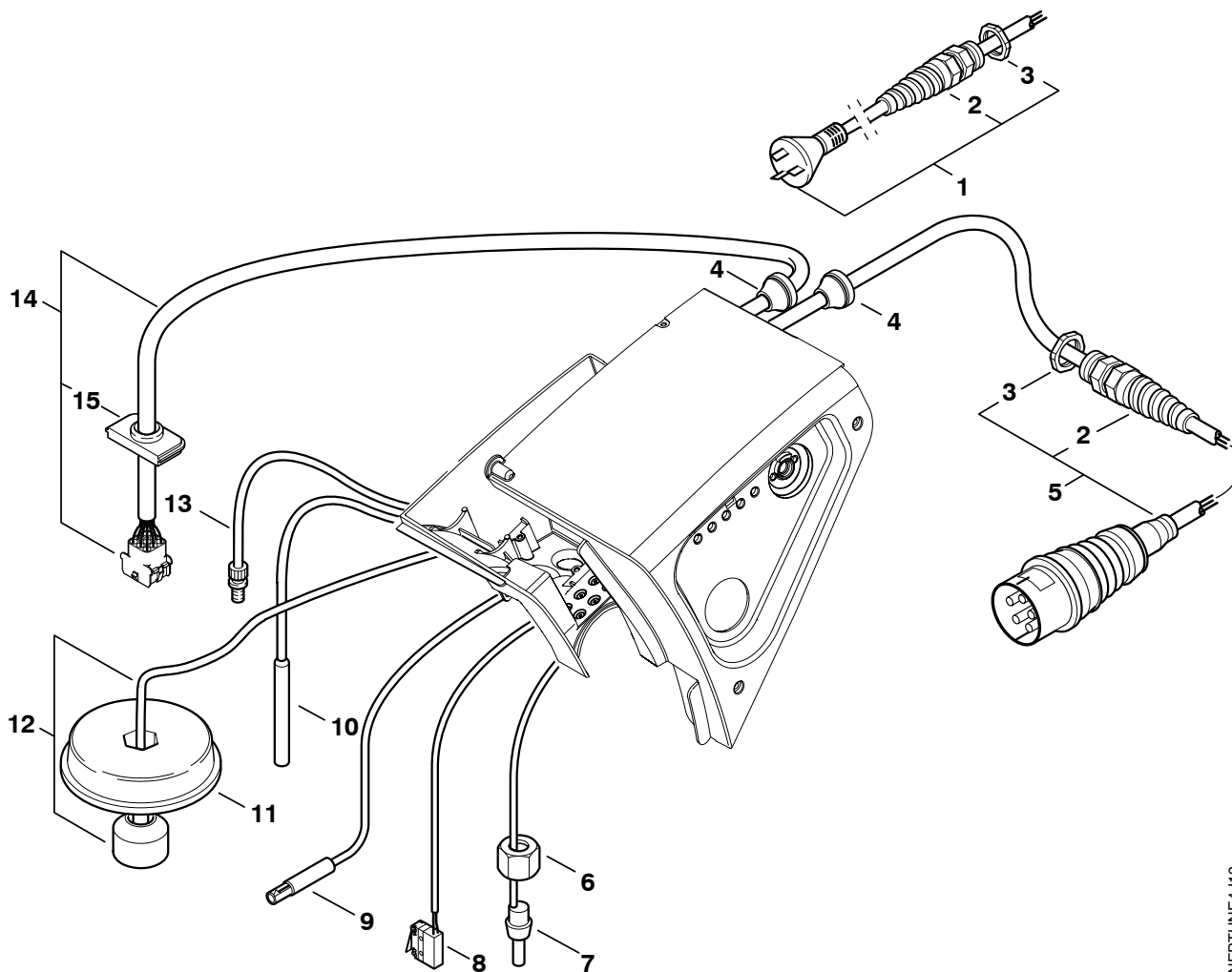
NEPTUNE4-11

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301000402	Resistance 15kOhm/7W	4-27	C	1
2	301001056	Starting capacitor 98µF/330V	4-27	C	1
3	301001236	Wire 2-pol./230V	4-27		1
3	301001237	Wire 2-pol./400V	4-49 X		1
4	301001231	Main Circuit Board		C	1
5	3812385	Fuse 6,3A/250V/ T' Ø5x20		C	1
5	103821729	Fuse 2A/250V/ T' Ø5x20		C	1
6	16860	Screw 4x12			1
7	301001212	Cover El.Box			1
8	16860	Screw 4x12	4-27		2
9	11060	Starter Relay 220V AC	4-27	C	1
10	12496	Hexagon Nut M6			1
11	301001811	Gasket 500x7x2			1
12	301001210	El-box Base			1
13	10028	Screw 5x14			6
↔ 14	22290	Mounting Rail			1
15	63903	Contactor 100-C16KJ10 24V/50-60Hz	4-27	C	1
15	301001228	Contactor 100-M12NKD3 24/50-60	4-49 X	C	1
16	301000686	Wire Terminal 4x2,5mm²			2
17	301000683	Jumper	4-49 X		1
18	301000687	Wire terminal 2x2,5mm	4-27		2
19	301000688	Wire Terminal 4x2,5mm			1
20	301000689	End Plate 4mm			1
21	301000722	Wire H07V-K			1



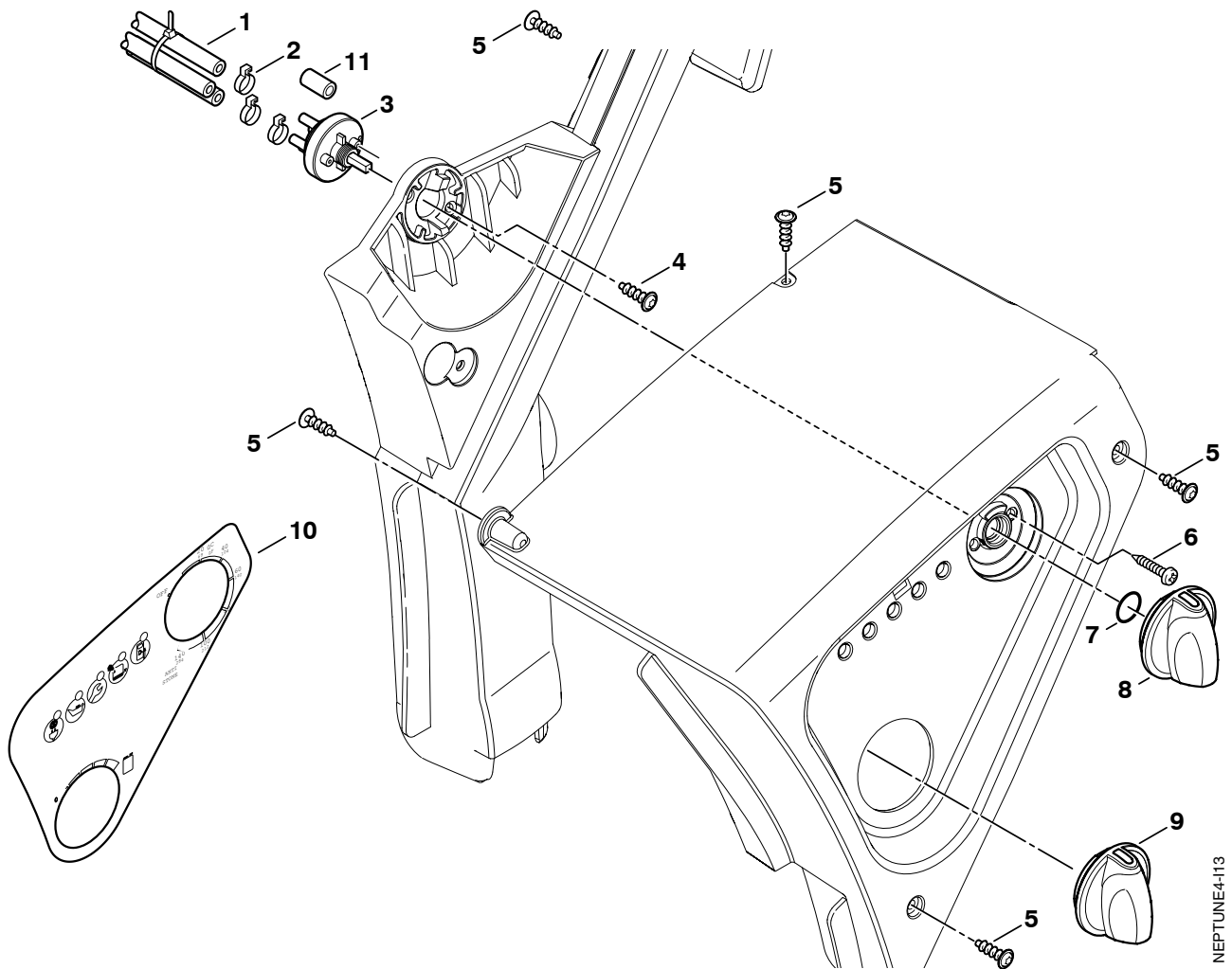
NEPTUNE4-11

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
22	301000681	Transformer 230V/400V 24V/8V		C	1
23	301002353	Current Limiter 5W	4-27		1



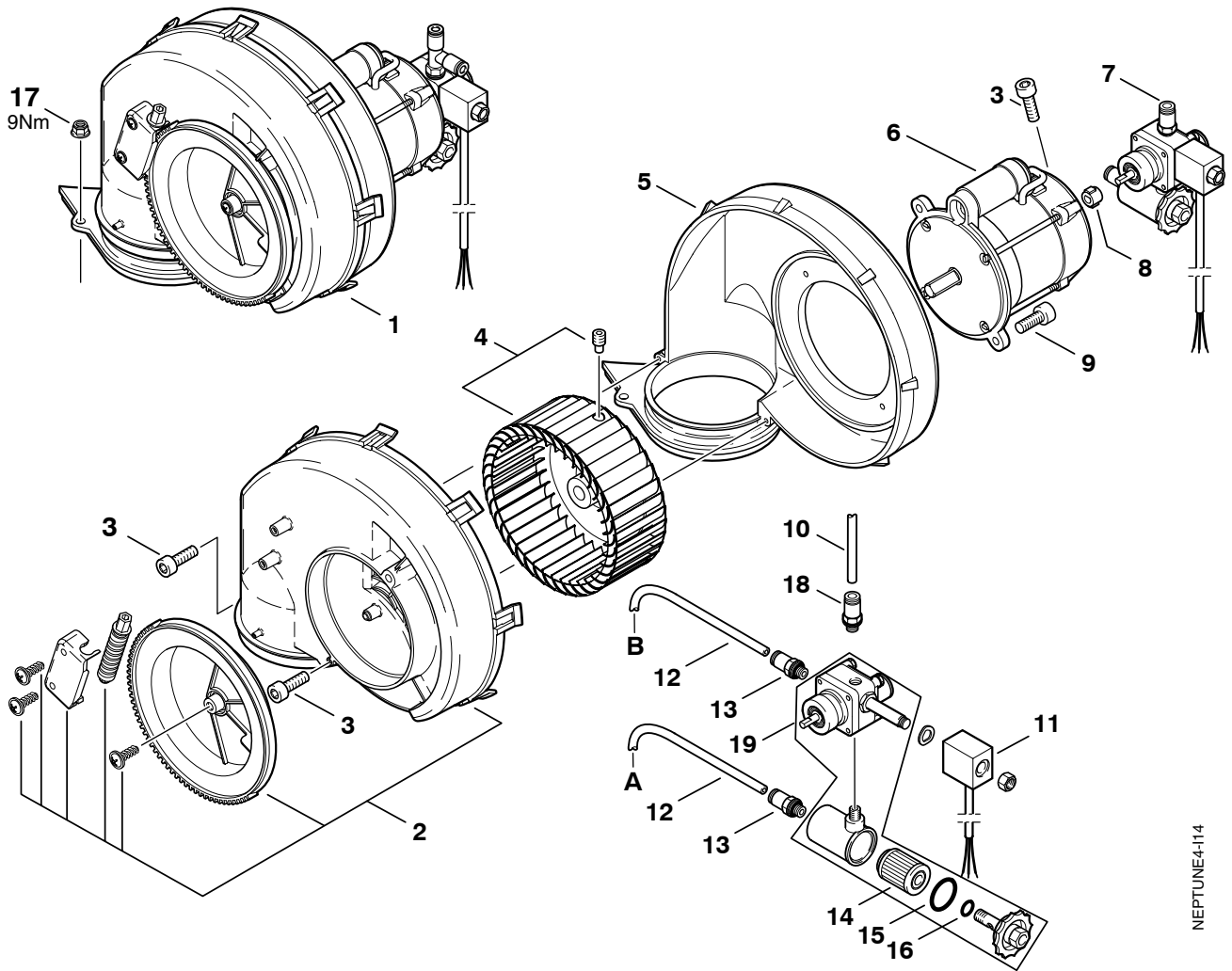
NEPTUNE4-112

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301002989	Power cord RN-F 3G1,5x6	4-27		1
2	909100043	Cord Fixing M20x1,5			1
3	909100019	Hexagon Nut M20x1,5			1
4	3803780	Grommet 10-14C			2
5	301000834	Power Cord H07RN-F 4G1,5x6	4-49 X		1
6	1081	Union Nut L 12			1
7	301000730	Temperature Sensor		C	1
8	301000731	End Switch 250V 0,1A		C	1
9	301000729	Flame Sensor	Option	C	1
10	301002458	Reed contact Ø8x75		C	1
11	301000615	Cover Ø70x15,5			1
12	301001196	Float Switch 10VA		C	1
13	301000732	Thermo Fuse 108°C		C	1
14	301000726	Cord Motor 7-pol. Klixon	4-27	C	1
14	301000727	Cord Motor 9-pol.	4-49 X	C	1
15	17106	Insert 29x52			1



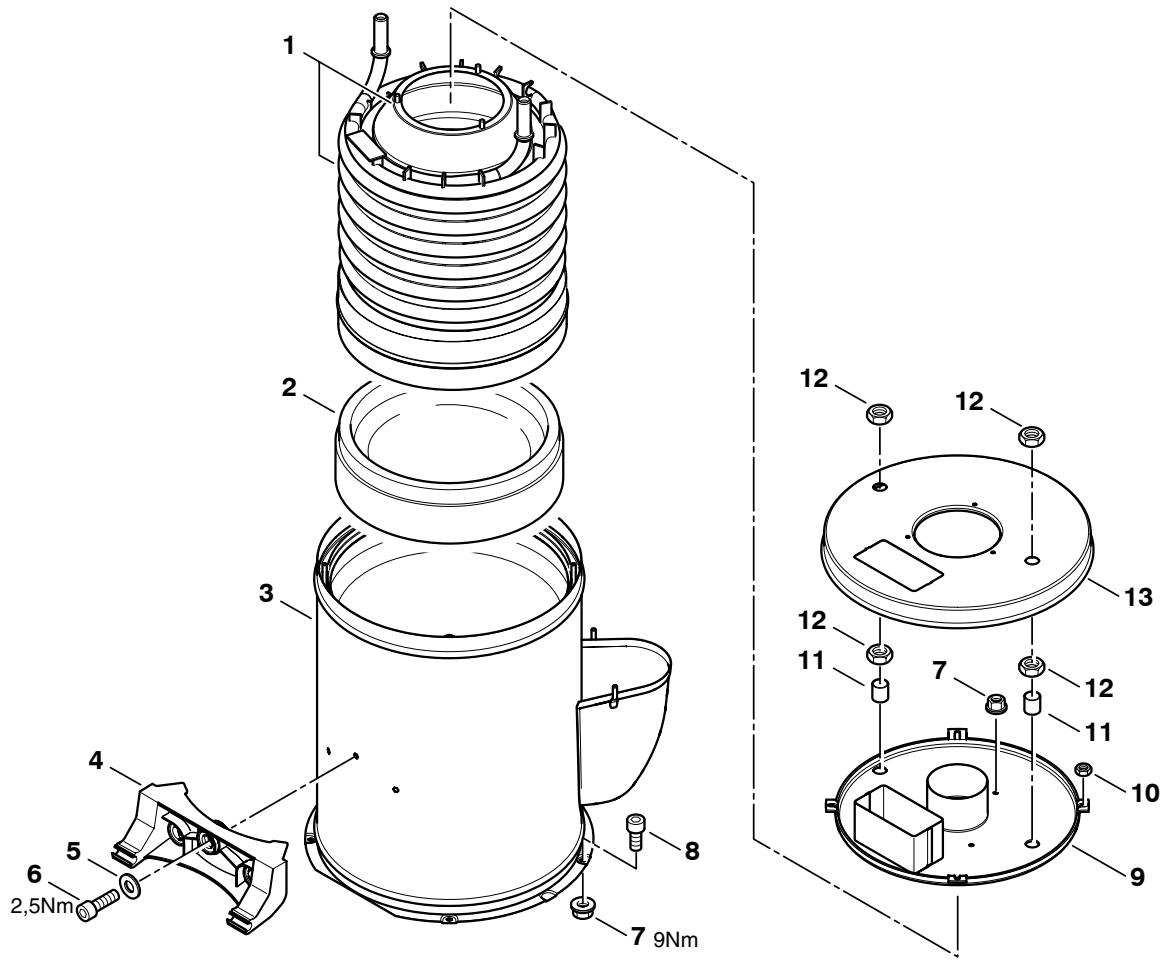
NEPTUNE4-113

Pos.	No.	Description	Comment	Rec. Part	
					NEPTUNE 4
◇	1	4973 Hose Ø6x3			1
	2	11654 Hose Clamp Ø11,5			3
	3	301001000 Valve Ø51x70		C	1
	4	1814730 Screw 3,5x10			2
	5	1814614 Screw 5x18			6
	6	19527 Countersunk Screw M4x10			2
	7	9868 O-ring Ø10x2,5			1
	8	909100235 Rotary knob Gr.1 ø6x5			1
	9	909100236 Rotary knob 4kt. (green)			1
	10	301001554 Label			1
	11	301001906 Closing Cap Ø12x21,5			1



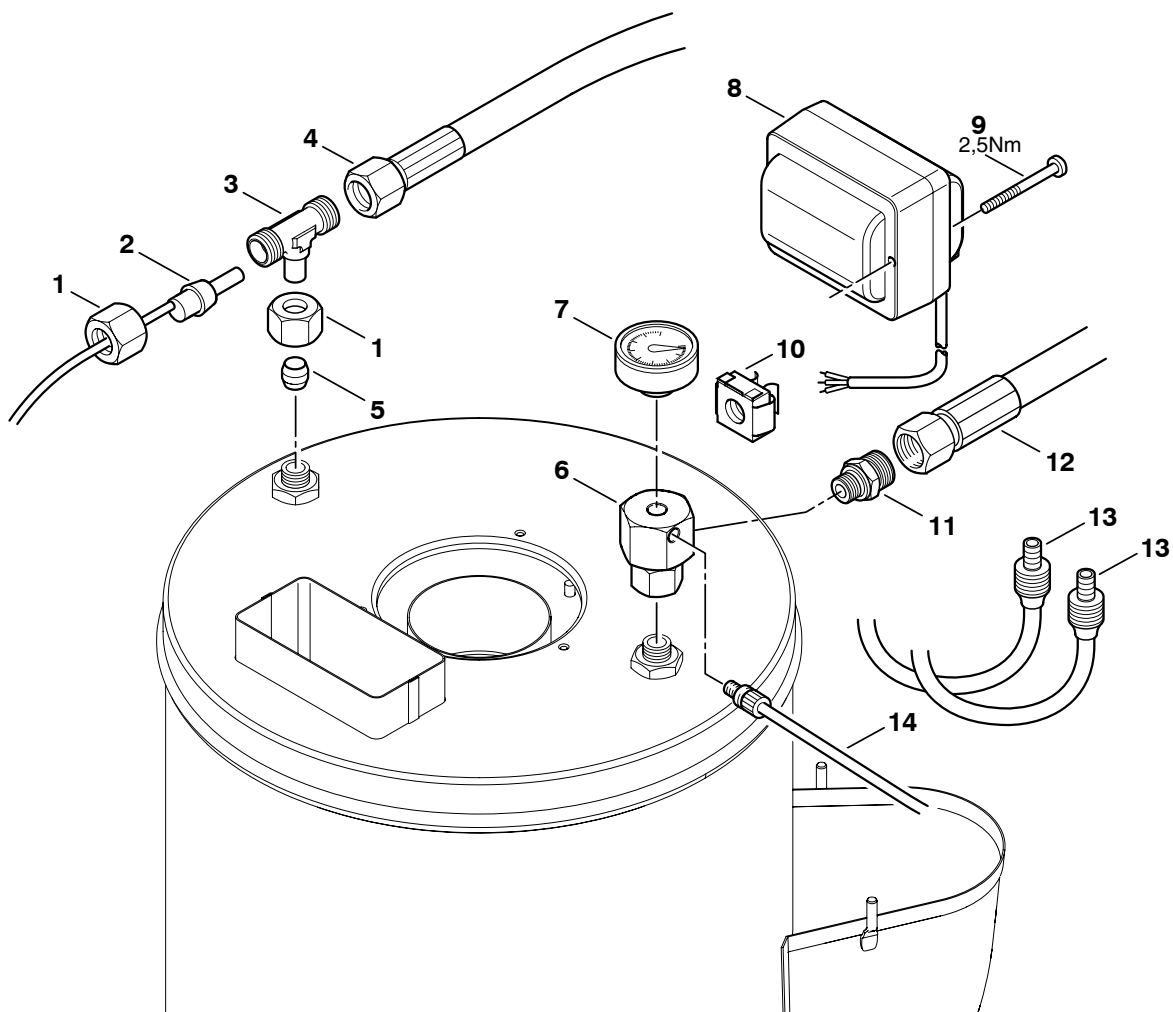
NEPTUNE4-14

Pos.	No.	Description	Comment	Rec. Part NEPTUNE 4
1	301000908	Burner Fan Housing Compl.		1
2	301000852	Cover Fan Housing		1
3	32535	Screw M5x16		3
4	301000889	Fan wheel Ø160x60		1
5	301000495	Housing burner		1
6	301000882	Burner Motor 180W/230V/50Hz		C 1
7	301002131	Fuelpump 24V		C 1
8	1226	Coupling		1
9	4697	Screw M6x16		2
◇	10	909100141	Pipe Ø4x1	1
11	60993	Solenoid w.Wire 24V/50-60Hz		C 1
◇	12	17710	Pipe Ø6x1	1
13	29599	Union Piece Ø6 G1/8"R12"		2
14	1756	Filter Cartridge		C 1
15	40907	O-ring Ø31,47x1,78		1
16	9868	O-ring Ø10x2,5		1
17	12496	Hexagon Nut M6		2
18	301002070	Union Piece Ø4/G1/8"		1
19	301002101	Fuelpump with Filter		1



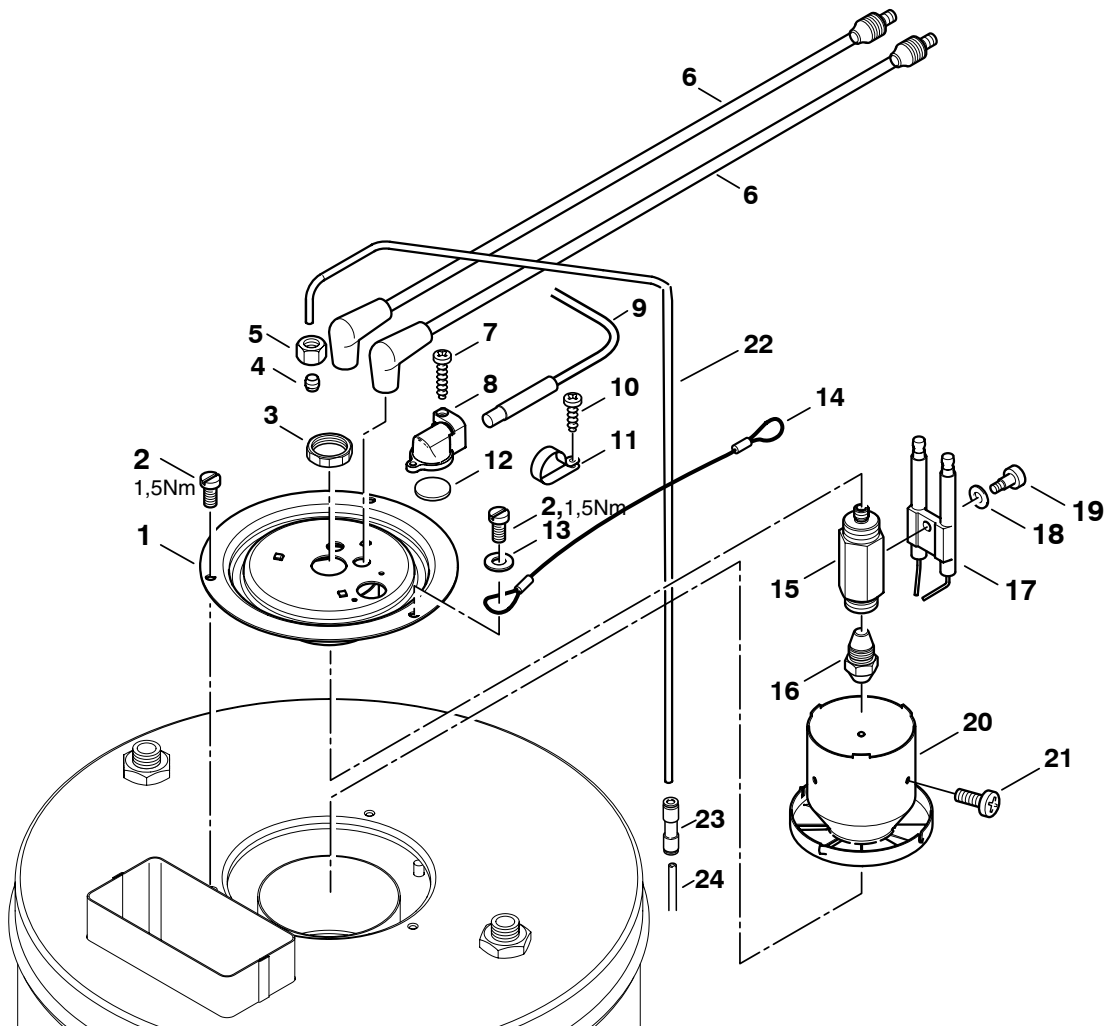
NEPTUNE4-115

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301001370	Coil Stainless "Neptune 3,4"	Option	C	1
1	301001371	Coil "Neptune 3,4"		C	1
2	301001367	Isolation Ø310x79			1
3	301001364	Boiler Jacket Compl. "Neptune 3,4"			1
4	301001260	Cabinet Hinge			1
5	2763	Washer 5,3x1			3
6	3873	Screw M5x30			3
7	12496	Hexagon Nut M6			7
8	3913	Screw M6x12			4
9	301001773	Boiler Cover Inner			1
10	12263	Hexagon Nut M6			4
11	301000582	Bushing Ø22x1,5x24			2
12	7012	Hexagon Nut M18x1,5			4
13	301000534	Boiler Cover Outer			1



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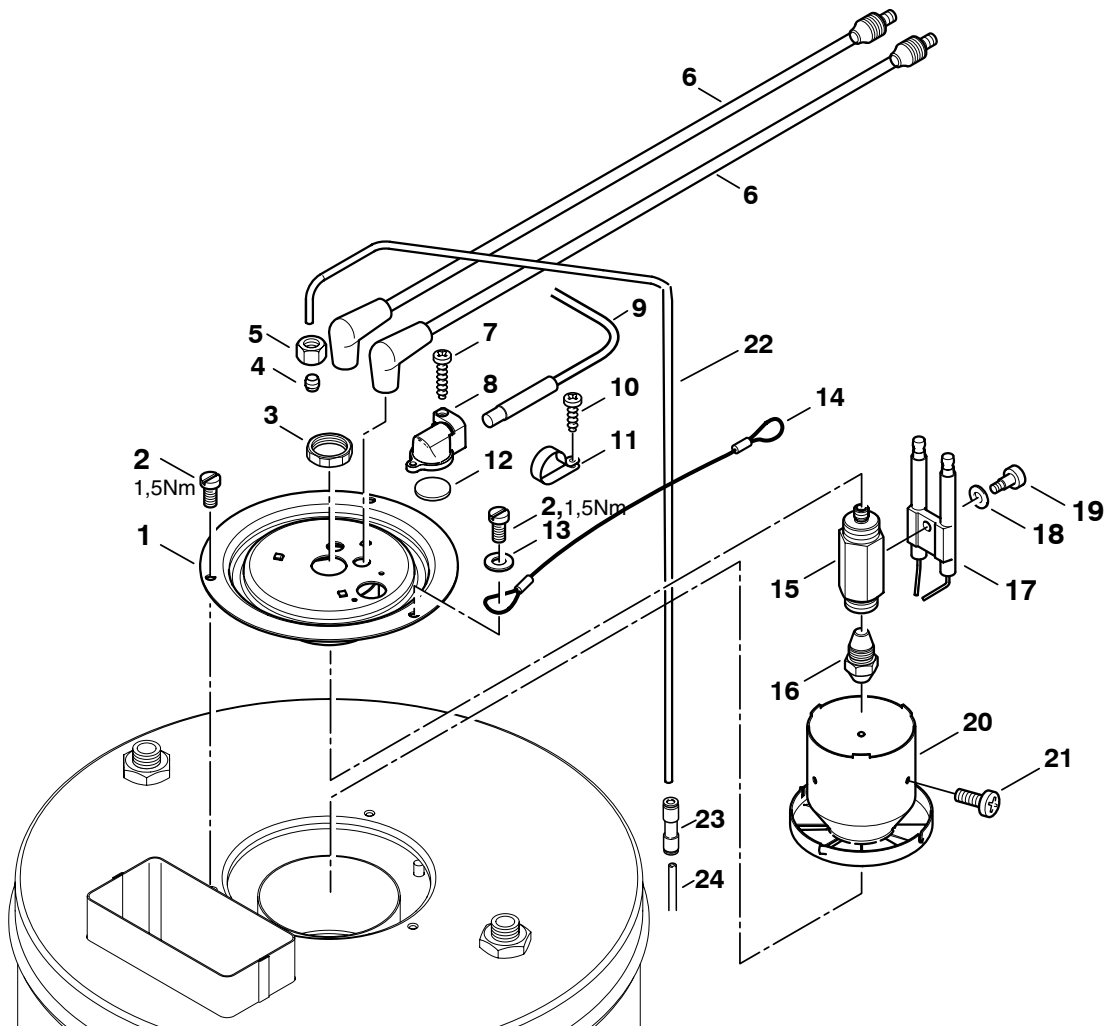
Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	1081	Union Nut L 12			2
2	301000730	Temperature Sensor		C	1
3	4102	Fitting XEVT 12L			1
4	301000855	HP-Hose Ø8x650			1
5	1080	Ring L 12			1
6	301001280	Distributor			1
7	301000246	Pressure Gauge 0-300 bar			1
8	301000879	Ignition transformer 220-230V/50Hz		C	1
9	1809821	Screw M5x50			2
10	909100152	Nut M8			1
11	3938	Fitting L12 G1/4			1
12	301000854	HP-Hose Ø8x610			1
13	301000858	Ignition Cord Ø7x500		C	2
14	301000732	Thermo Fuse 108°C		C	1



NEPTUNE4-17

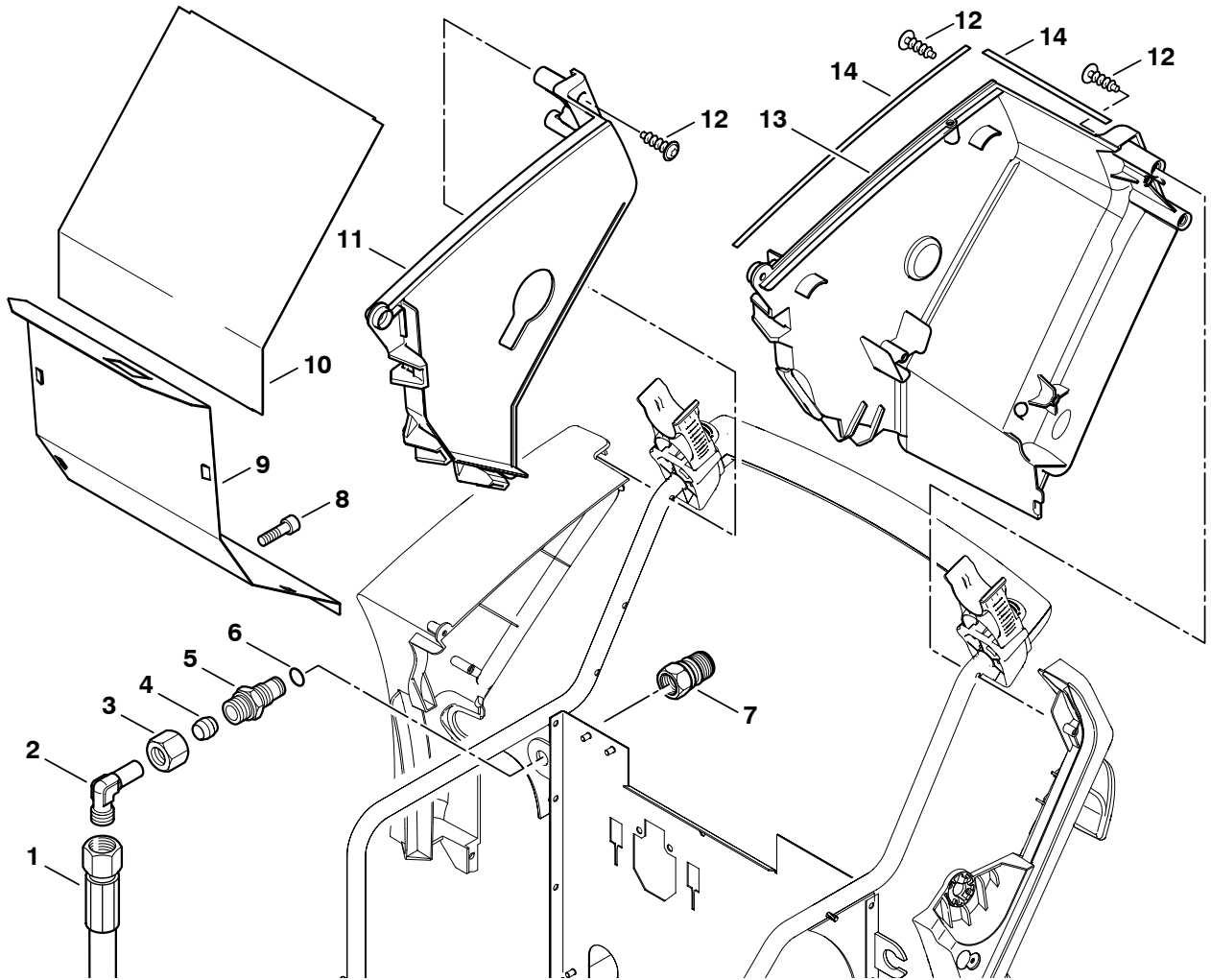
Pos.	No.	Description	Comment	NEPTUNE 4	
				Rec.	Part
1	301000606	Cover Ø150x38			1
2	4820	Screw M5x10			3
3	909100139	Hexagon Nut M20x1			1
4	1603448	Cutting ring L4			1
5	1603430	Union Nut L 4			1
6	301000858	Ignition Cord Ø7x500		C	2
7	5606	Screw 2,9x19			1
8	301000934	Holder 37,45x23x17,7			1
9	301000729	Flame Sensor	Option	C	1
10	4036	Sheet Metal Screw 2,9x9,5			1
11	301001069	Holder Ø4,8			1
12	301000933	Sheet Metal Ø20x3			1
13	2763	Washer 5,3x1			1
14	301001680	Rope Ø1x710			1
15	301001548	Fuel Nozzle Holder SW22x65,5			1
16	2802445	Fuel Nozzle 1,25gal/h 80° H	4-49 X	B	1
16	2802712	Fuel Nozzle 1gal/h 60°H	4-27	B	1
17	301000853	Ignition Electrode		A	1
18	909100144	Spring Washer B5			1
19	909100143	Pan Head Screw M4x4,5			1
20	301001278	Air Distributor Ø79x59,2	4-49 X		1
20	301001683	Air Distributor Ø80x59,2	4-27		1
21	51848	Oval Head Screw M3x4			3
22	301002072	Pipe Bended Ø4x582			1
23	301001912	Union Piece Ø4/Ø4			1





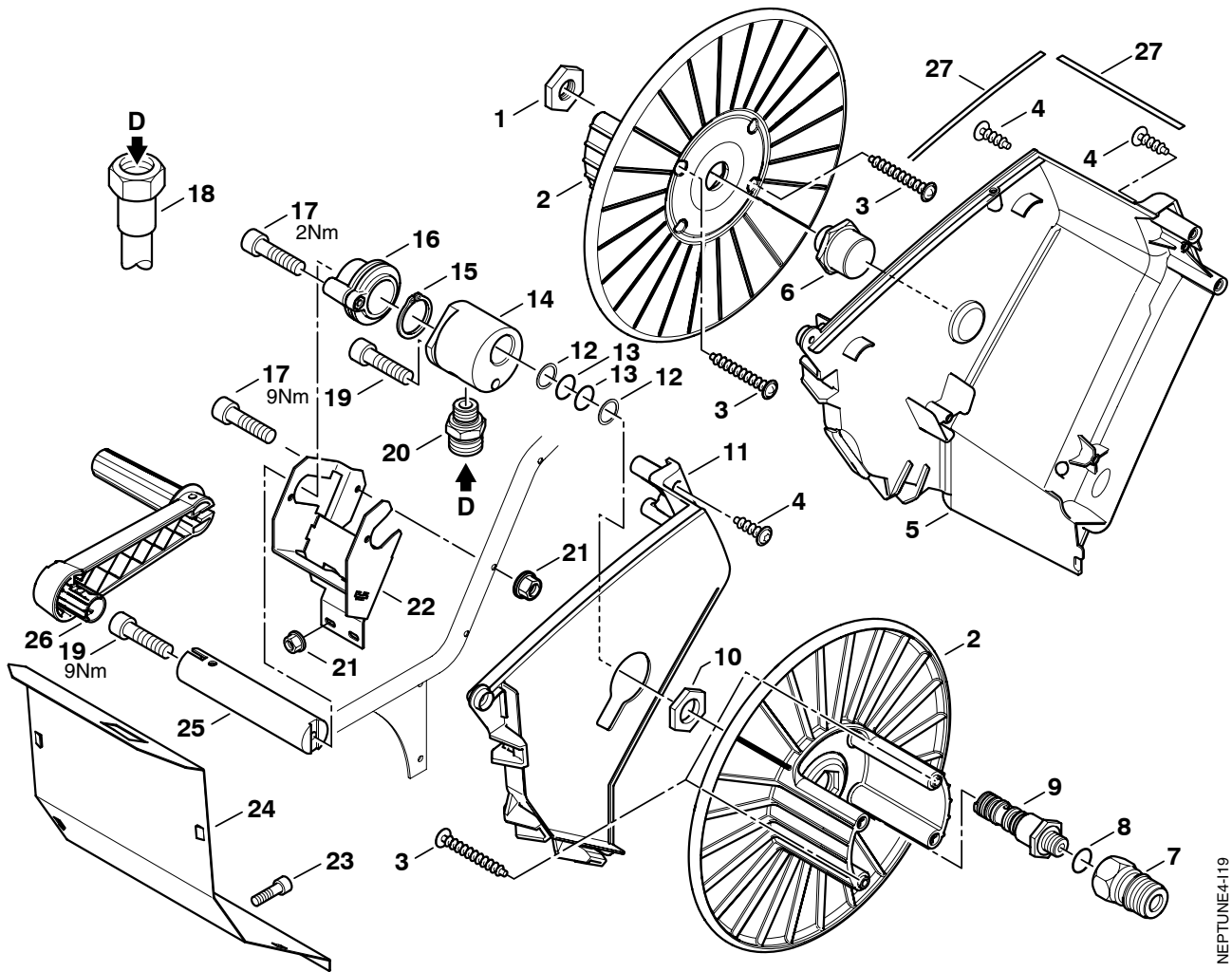
NEPTUNE4-17

Pos.	No.	Description	Comment	Rec. Part
↗ 24	909100141	Pipe Ø4x1		NEPTUNE 4 1



NEPTUNE4-118

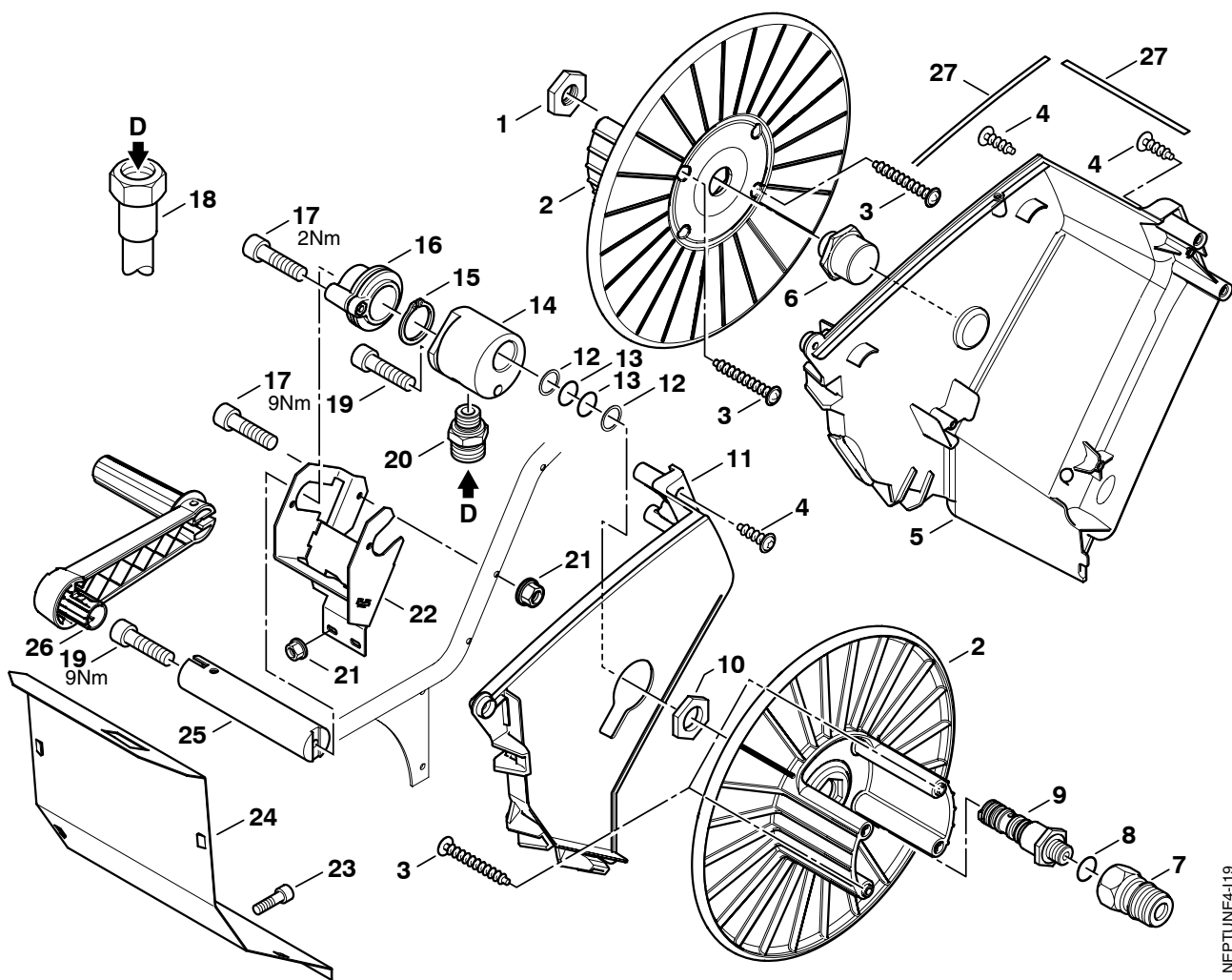
Pos.	No.	Description	Comment	Rec. Part	
					NEPTUNE 4
1	301000855	HP-Hose Ø8x650	Standard models		1
2	1504	Fitting XEVW 12L ZN	Standard models		1
3	1081	Union Nut L 12	Standard models		1
4	1080	Ring L 12	Standard models		1
5	301000627	Fitting M18x1,5xG3/8"	Standard models		1
6	42768	O-ring Ø11,2x1,8	Standard models		1
7	1600493	Nipple 3/8"	Standard models		1
8	3913	Screw M6x12	Standard models		2
9	301001254	Sheet Metal 1x287x199x185	Standard models		1
10	301001255	Sheet Metal 1x221x207x134	Standard models		1
11	301001190	Hose Reel Cabinet Right	Standard models		1
12	1814614	Screw 5x18	Standard models		3
13	301001189	Hose Reel Cabinet Left	Standard models		1
14	301001811	Gasket 500x7x2	Standard models		2



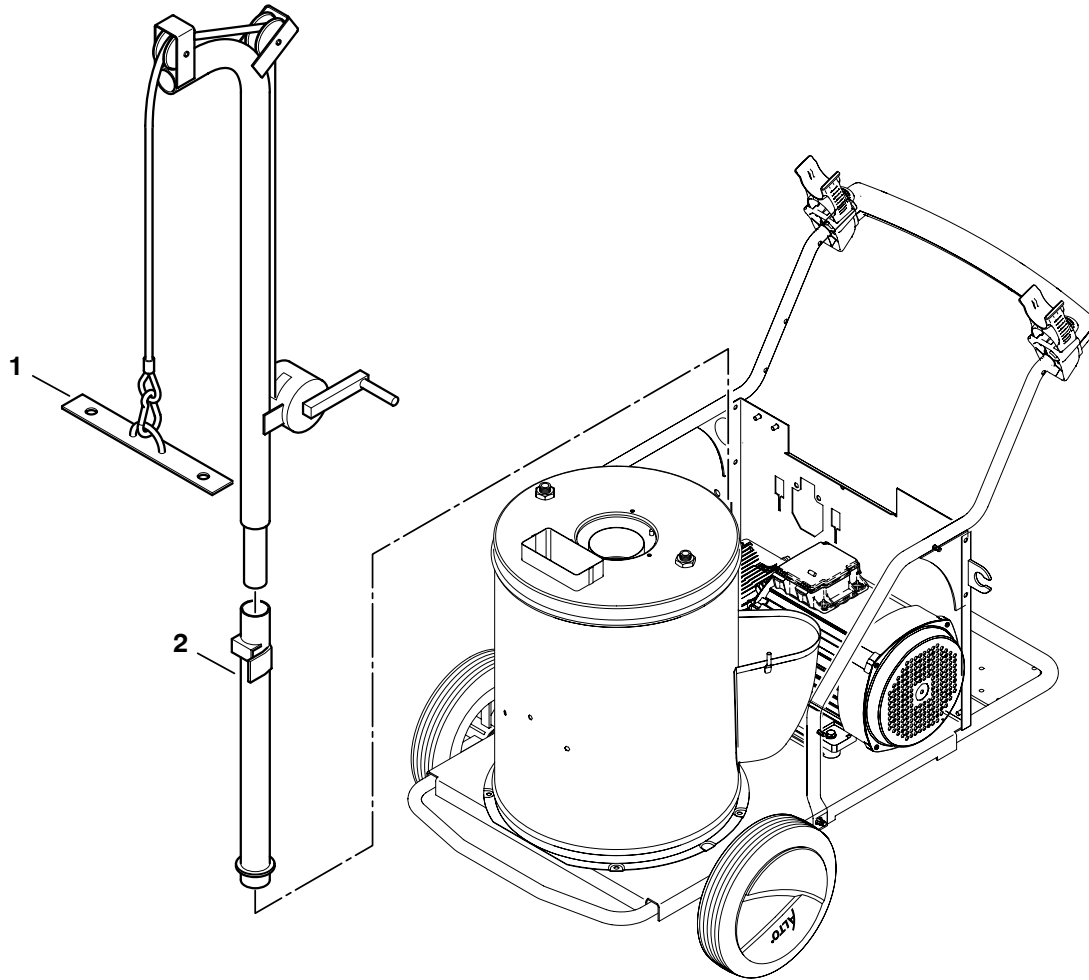
NEPTUNE4-119

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	909100145	Hexagon Nut 6kt/G 3/8"x6	X-models		1
2	301000775	Hose Drum Section	X-models		2
3	909100153	Screw 6x40	X-models		4
4	1814614	Screw 5x18	X-models		5
5	301001189	Hose Reel Cabinet Left	X-models		1
6	301001266	Bearing Right G3/8"/SW30	X-models		1
7	1600493	Nipple 3/8"	X-models		1
8	1801075	Packing Ring Ø23,8xØ17,2x2	X-models		1
9	301000976	Hollow Screw G3/8"	X-models		1
10	62696	Hexagon Nut M24x1,5x6	X-models		1
11	301001190	Hose Reel Cabinet Right	X-models		1
12	63792	Supporting Ring Ø16,26x2,18	X-models		2
13	19620	O-ring Ø15,54x2,62	X-models		2
14	301000624	HP-Swirvel Housing Ø45x41,7	X-models		1
15	32524	Retaining Ring 20x1,2	X-models		1
16	301000849	Bearing Left Ø50x33	X-models		1
17	5945	Screw M6x30	X-models		2
18	301000855	HP-Hose Ø8x650	X-models		1
19	9570	Screw M6x40	X-models		2
20	54590	Fitting XGE12L/1/4NPT	X-models		1
21	12496	Hexagon Nut M6	X-models		3
22	301001257	Frame hose-reel	X-models		1
23	3913	Screw M6x12	X-models		1
24	301001254	Sheet Metal 1x287x199x185	X-models		1
25	301001263	Adapter Ø28x140	X-models		1

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Pos.	No.	Description	Comment	Rec. Part	
				NEPTUNE 4	
26	301000733	Crank 190x175x45	X-models		1
27	301001811	Gasket 500x7x2	X-models		2



NEPTUNE4-120

Pos.	No.	Description	Comment	Rec. Part	NEPTUNE 4
1	301001078	Service Crane	301001804 also necessary		1
2	301001804	Support			1