Service part catalogue

Modell CM 202

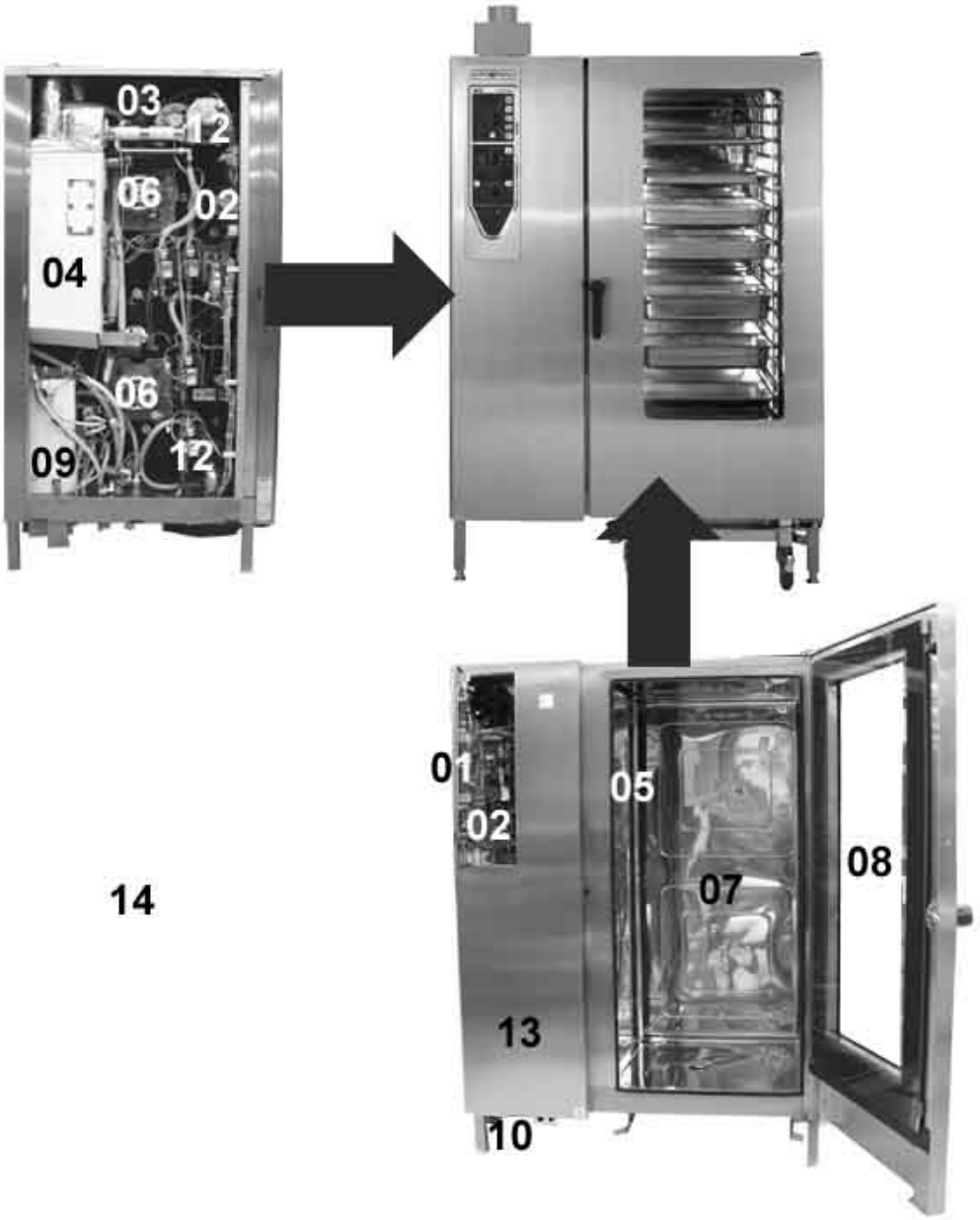
G22MD0112



04.05.2021
2 AC 230V 50-60Hz

Kat-RTS_140922
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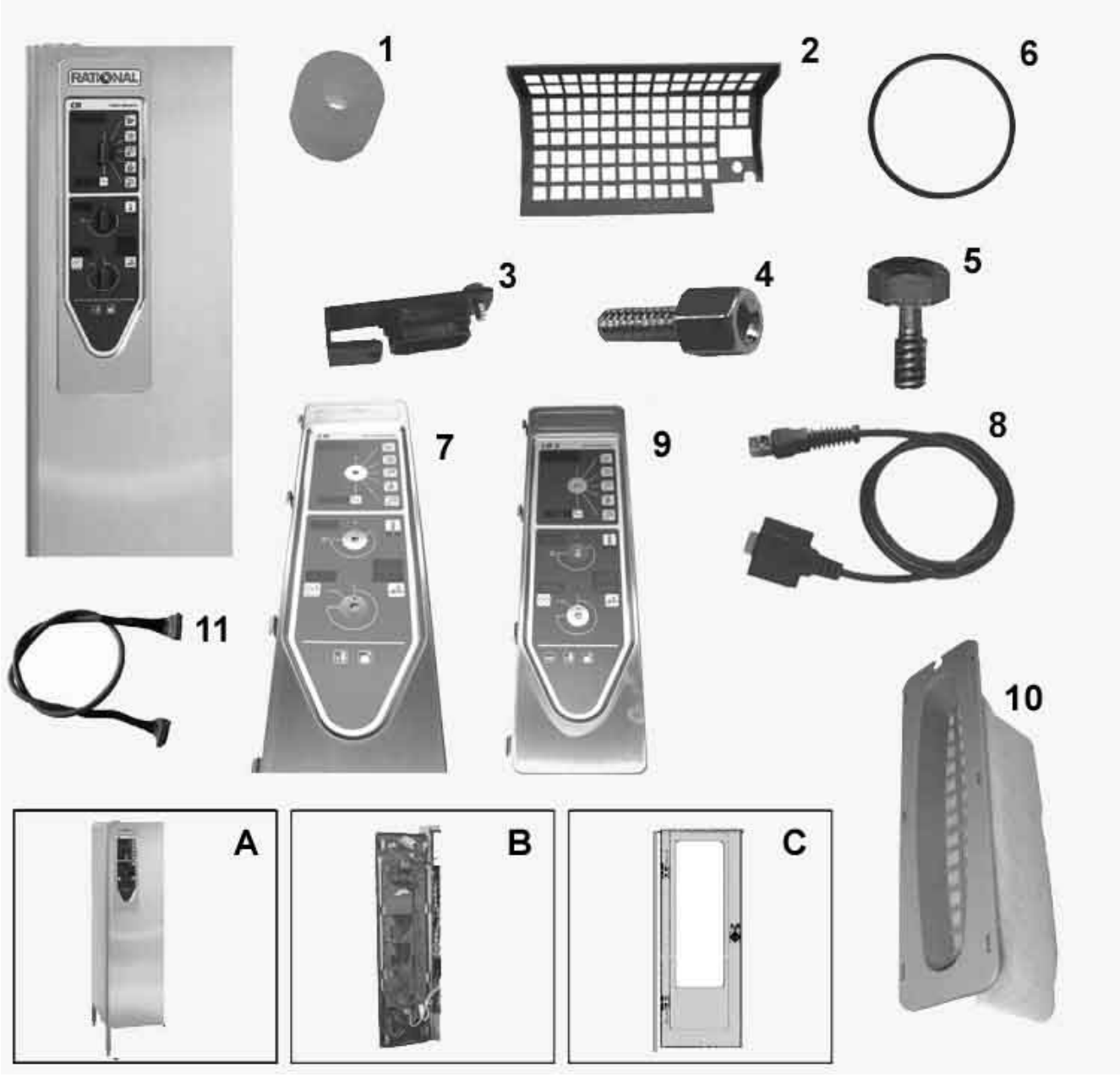
Overview



Overview

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Control panel



Control panel

Pos.	Part no.	Description	Qty.
9	8720.1343	Control panel insert with overlay	
A	8455.1342	Front panel cpl.	
B		Panel insert	

Front panel cpl.



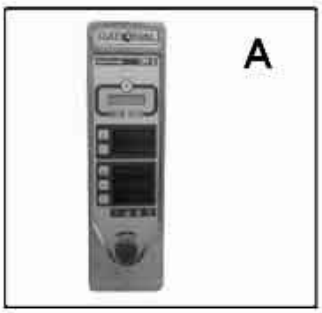
Front panel cpl.

Pos.	Part no.	Description	Qty.
1	1003.2261	Raised counters. head self tapp. screw 4,2x13	
2	1104.0820	Snap nut 4,2mm	
3	1107.0104	Star lock ø6	
4	2039.0331	Cap for service door	
5	2039.0338	Corner guard handshower hose	
6	5006.0212	Silicone tube E127, 310 ml silver	
7	5012.0565	O-ring inlet filter	
8	8464.1307	Opening mechanism for panel insert	
9	8455.1377	Air inlet filter	
10	2002.0107	Tension spring for front panel	

Panel insert







Panel insert

Pos.	Part no.	Description	Qty.
1	1106.0160	Hex nut M6	
2	1206.0120	Tooth lock washer A6,4	
A		Panel insert	

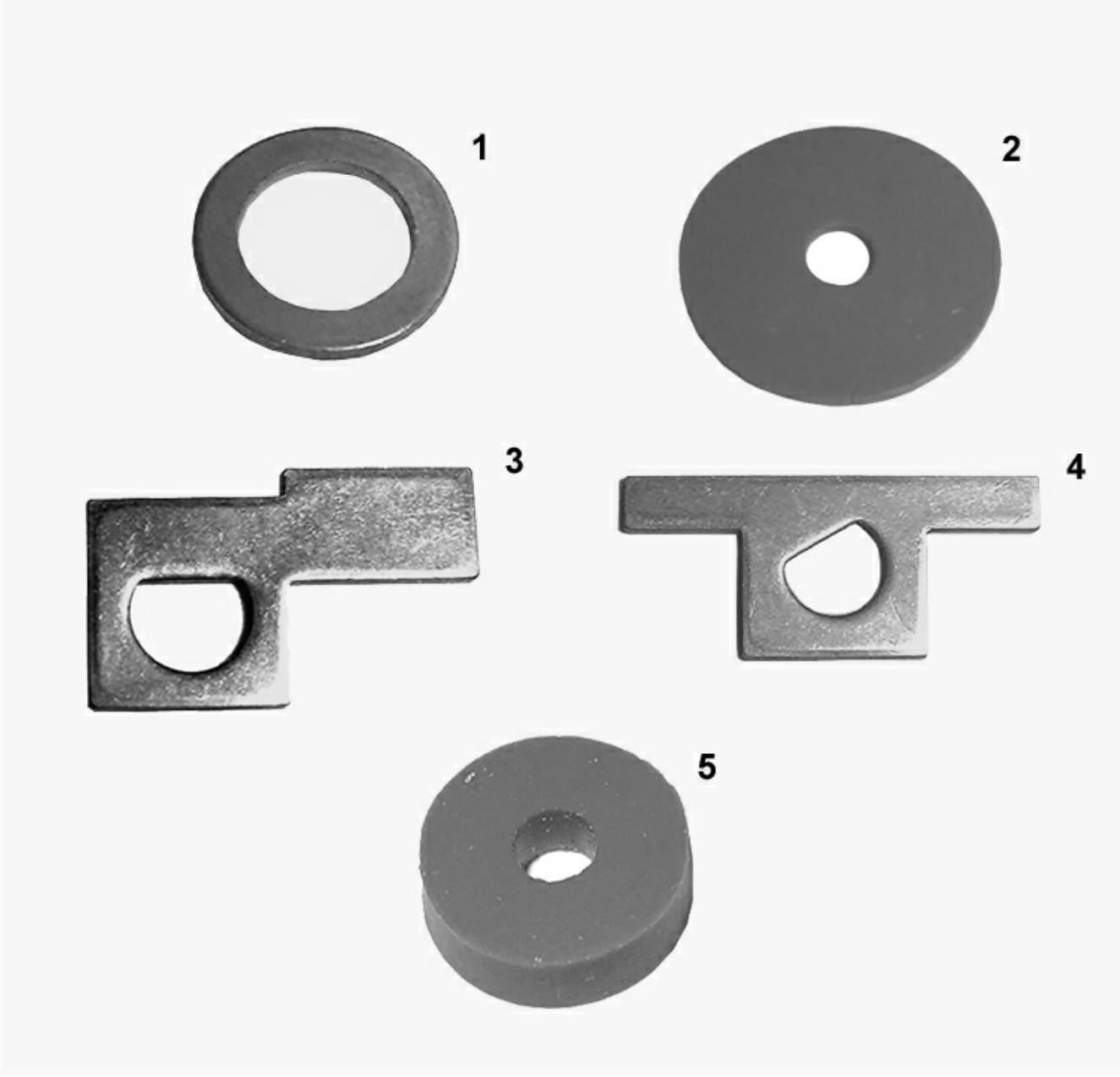
Panel insert



Panel insert

Pos.	Part no.	Description	Qty.
1	1103.0120	Hex nut M3	
2	1104.0121	Hex nut M4 self locking	
3	1306.0218	Washer A4,3	
3	1304.0160	Washer A4,3	
6	2039.0326	Spacer for pcb	
7	2052.1180	Sticker name trade sign Rational	
9	3006.0107	Buzzer	
10	3013.0344	Dial blue,	
14	4005.0101	Tie rap 145 mm	
14	4005.0103	Tie rap black	
15	5100.1011	Gasket	
16	5110.1027	Distance plate for front panel	
17	5110.1028	Gasket poti hot air, core temperature	
18	8720.1300	Bus cable CPU - operator pcb	
20	1603.0166	Rivet 3,2x7,9 CNS closed	
A	3040.3210	Operator pcb	

Operator pcb



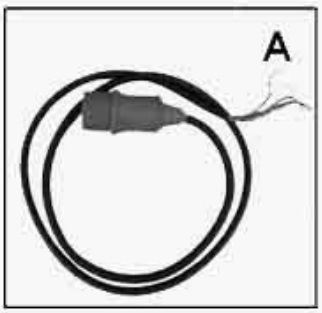
Operator pcb

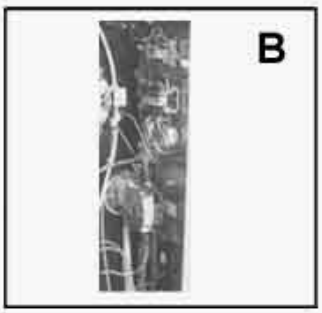
Pos.	Part no.	Description	Qty.
1	1315.0101	Copper washer 6x10	
2	5110.1029	Gasket mode switch	
3	2760.1100	Stop for Poti-Core temperature	
4	2760.1129	Stop for mode switch	
5	2022.0100	Silicone gasket red, for PG 9 15x4mm	

Electrical installation





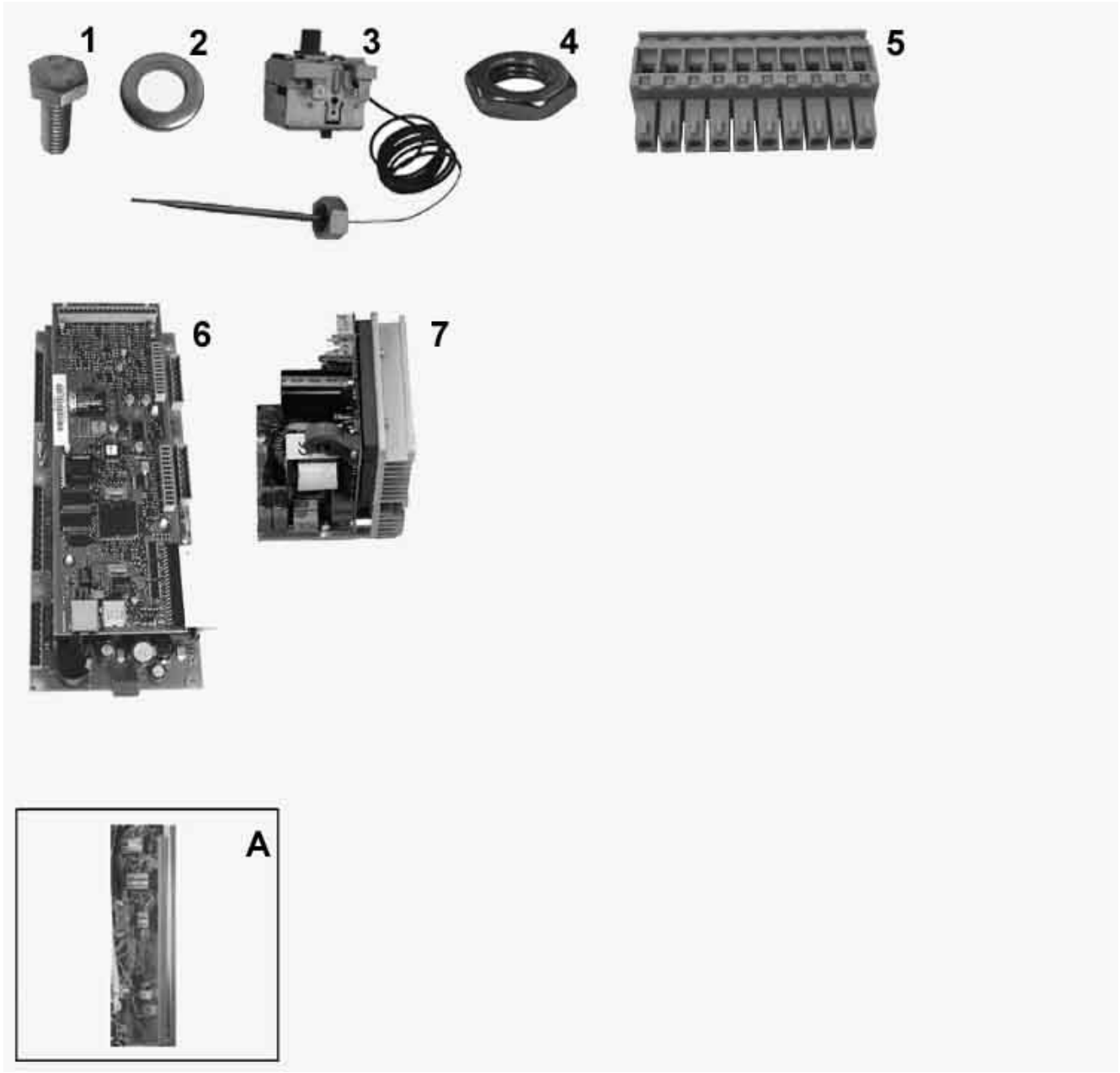




Electrical installation

Pos.	Part no.	Description	Qty.
1	3040.0281	E-Prom C1_090	
1	3040.0316	E-Prom C5.02	
3	4004.0114	Wire end sleeve 0,75 mm² blue insulated	
B		Contactor assembly	

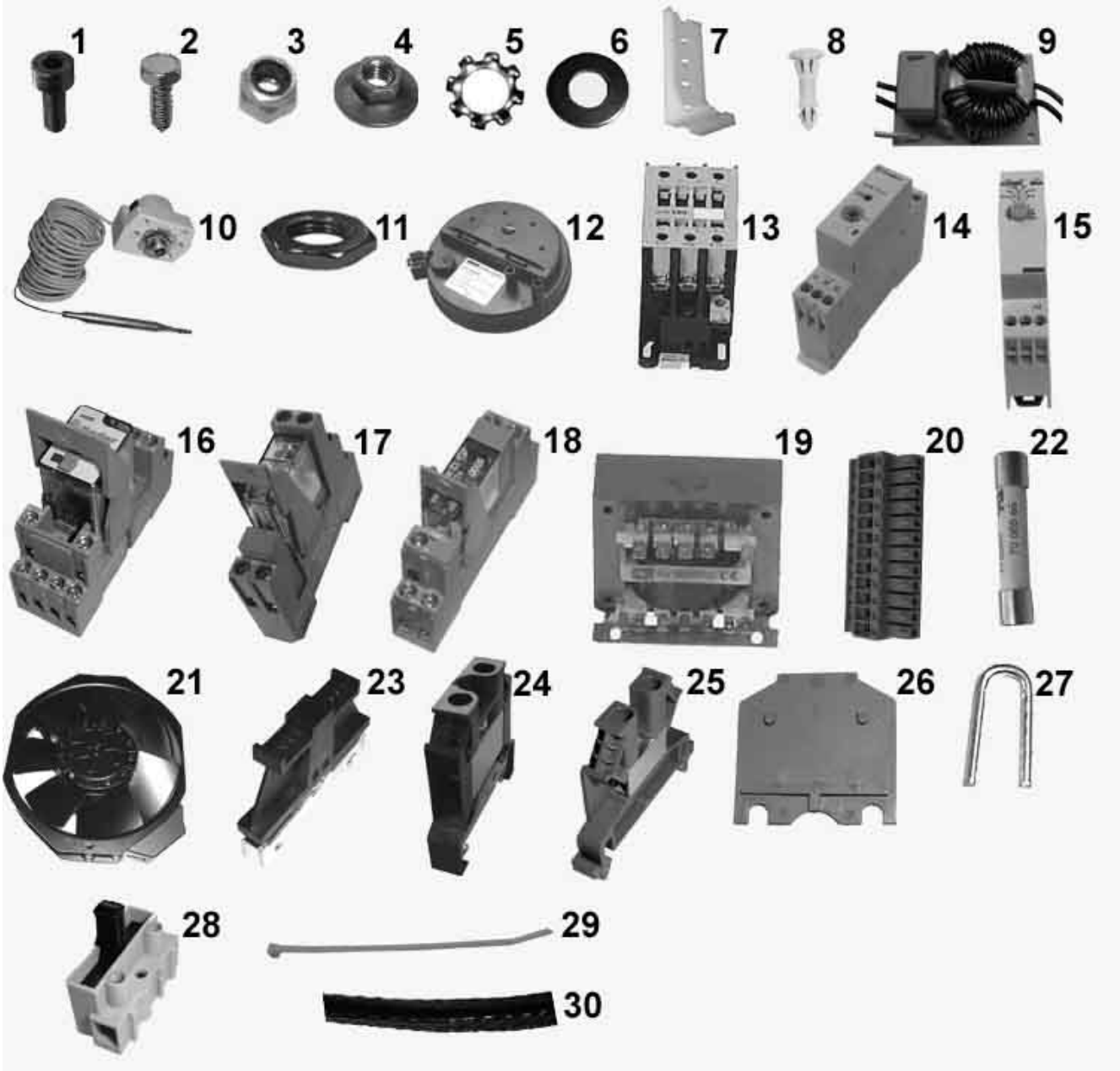
Contactor assembly



Contactor assembly

Pos.	Part no.	Description	Qty.
1	1006.0761	Hex screw M6x12	
1	1004.0666	Hex screw M4x10	
2	1306.0221	Washer A6,4	
2	1306.0120	Washer A6,4	
3	3014.0326	Safety temperature limiter 365°C,	
4	3014.0327	Hex nut M10x1,0	
5	3040.0262	Multipoint connector left 10pin, 3.5	
6	3040.3001	Main pcb	
7	3040.3040	Motor control for fan motor	
A		Contactor assembly	

Contactor assembly



Contactor assembly

Pos.	Part no.	Description	Qty.
1	1004.0660	Allen screw M4x10	
2	1004.2161	Hex self tapping screw 4,2x13	
3	1104.0121	Hex nut M4 self locking	
4	1104.0122	Hex combination nut M4 galv	
5	1204.0120	Tooth lock washer A4,3	
6	1304.0160	Washer A4,3	
7	2020.0400	Fixing device for cable harness	
8	2039.0370	Spacer 12x1,6	
9	3001.0469	Electronic noise filter	
10	3014.0300	Dry up protector 257°F/135°C	
11	3014.0327	Hex nut M10x1,0	
13	3028.0552	Contactor AEG LS7K10	
16	3035.0485	Relay for CleanJet	
19	3037.0240	Control transformer	
20	3040.0256	Multipoint connector 12pin	
21	3101.1013	Cooling fan	
22	4001.0226	Fuse 6.35x32mm	
22	4001.0224	Fuse 6.35x32mm	
23	4001.1203	End plate for mounting rail	
24	4001.1210	Earth terminal 16mm² yellow/green	
25	4001.1216	Terminal block 4smm² grey	
26	4001.1217	Side plate for terminal block 4mm²	
27	4001.1249	Wire strap 3.81mm	
28	4001.1295	Fuse holder e 1003Si/1DS	
29	4005.0101	Tie rap 145 mm	
30	5013.0100	Edge protection profile	

Clima Plus



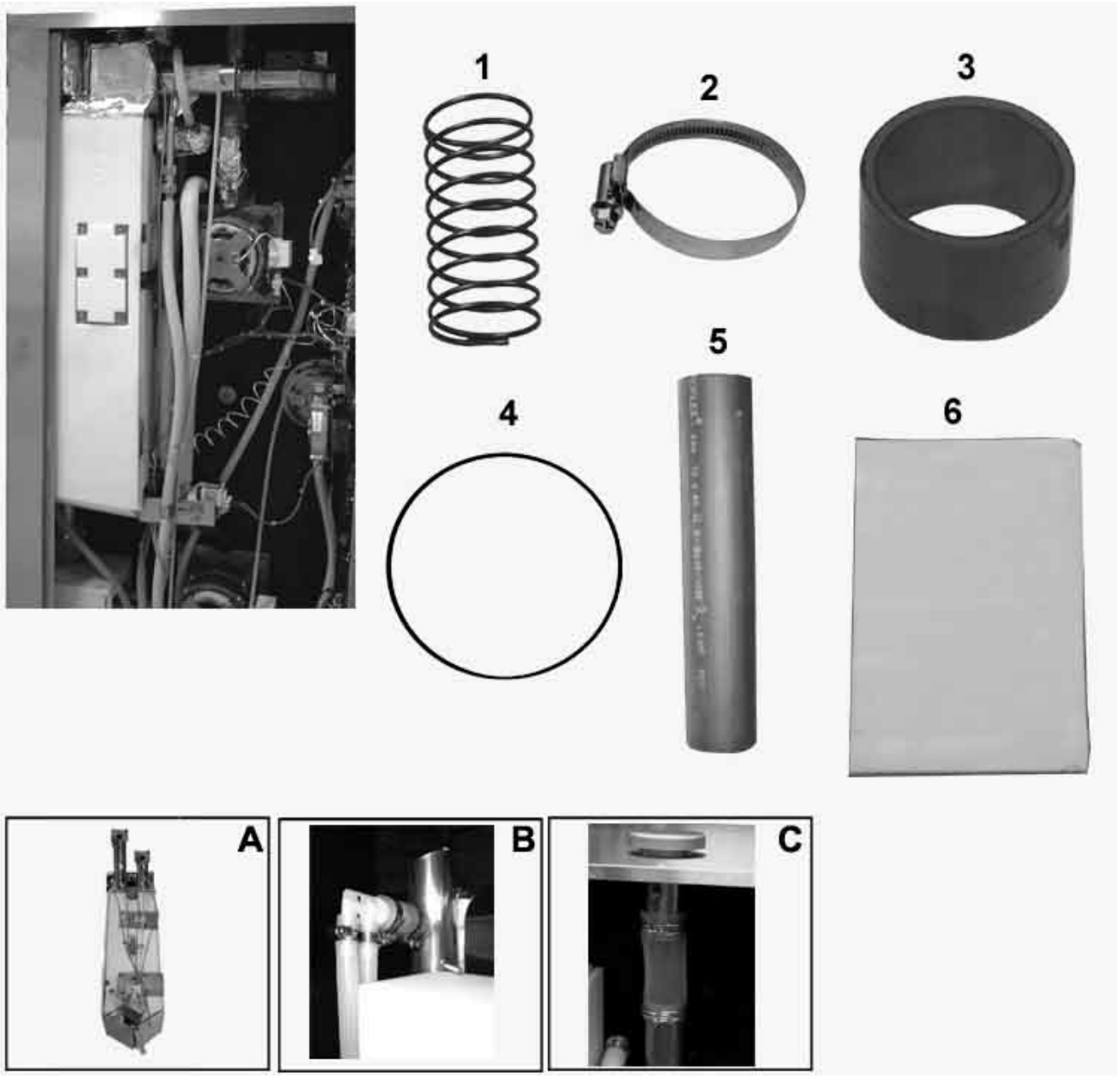




Clima Plus

Pos.	Part no.	Description	Qty.
2	2112.1301	Silicone hose safety valve	
4	3014.1016	Thermocouple	

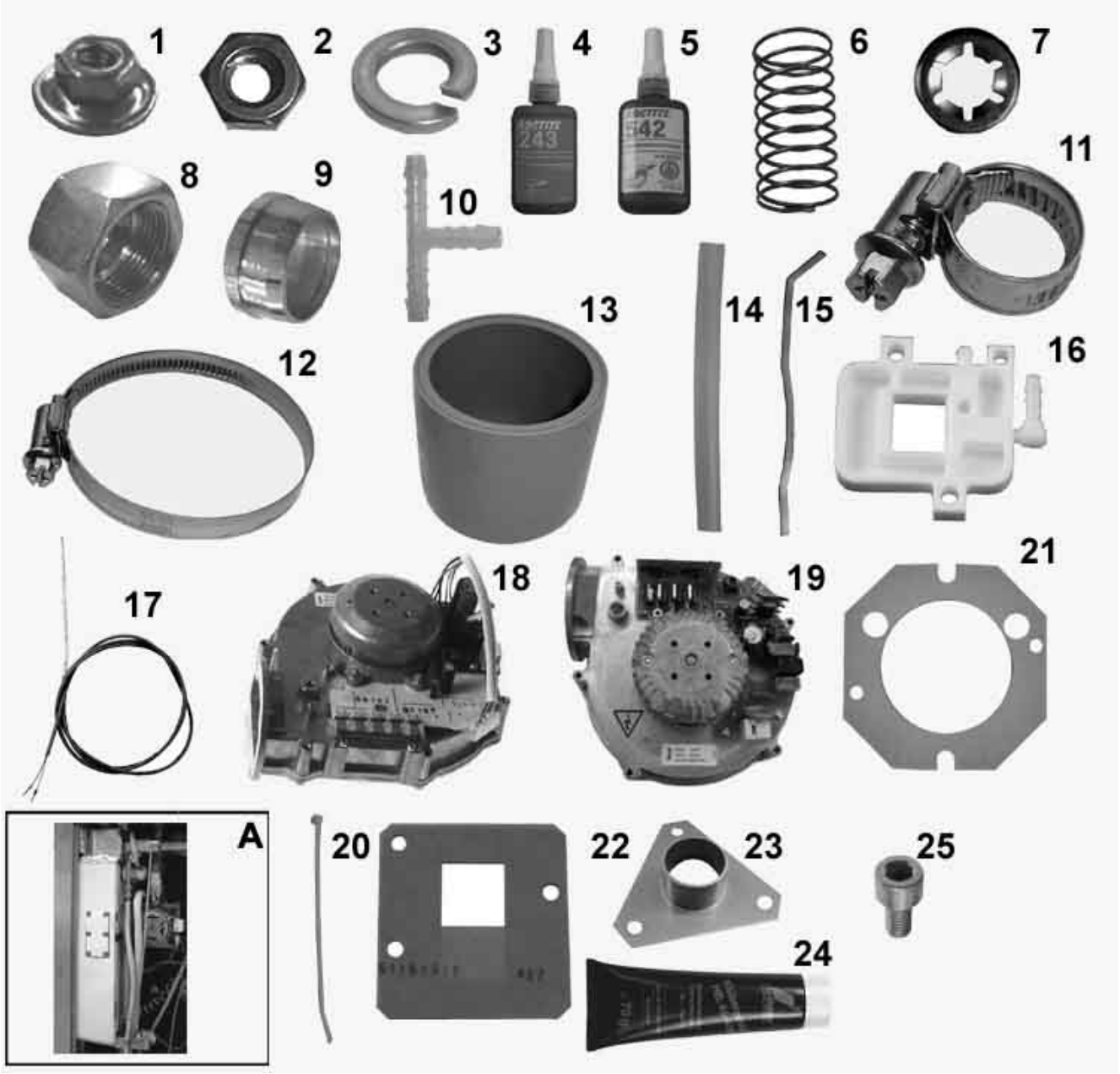
Steam generator, Bypass



Steam generator, Bypass

Pos.	Part no.	Description	Qty.
2	2066.0516	Hose clamp 60-80 mm	
3	2112.1307	Hose 70x5mm	
5	5214.1419	Insulation cover for steam pipe	
A		Steam generator	
C		Safety valve	

Steam generator



Steam generator

Pos.	Part no.	Description	Qty.
1	1106.0803	Hex combination nut M6 galv	
1	1105.0121	Hex combination nut M5 galv	
3	1206.0261	Spring washer B6	
4	2001.0040	Loctite 243 50ml	
6	2001.0124	Compression spring	
8	2036.0612	Union nut	
9	2036.0613	Cutting ring for gas fitting	
11	2066.0205	Hose clamp 8-16x9 mm SW 7mm	
12	2066.0300	Hose clamp 50-70 mm	
12	2066.0504	Hose clamp 40-60mm	
13	2112.1006	Steam hose Ø50x50mm	
14	2112.1019	Silicon hose	
15	2740.1040	Fixing plate steam generator thermostat	
17	3014.1013	Thermocouple steam generator B5,1300mm	
19	3101.1017	Blower for burner RG130	
21	5110.1318	Gasket for burner housing	
22	5110.1345	Air orifice gasket steam	
24	9003.0211	Klüberpaste HEL 46-450 70g tube	
25	1006.0623	Allen screw M6x10	
A		Steam generator	

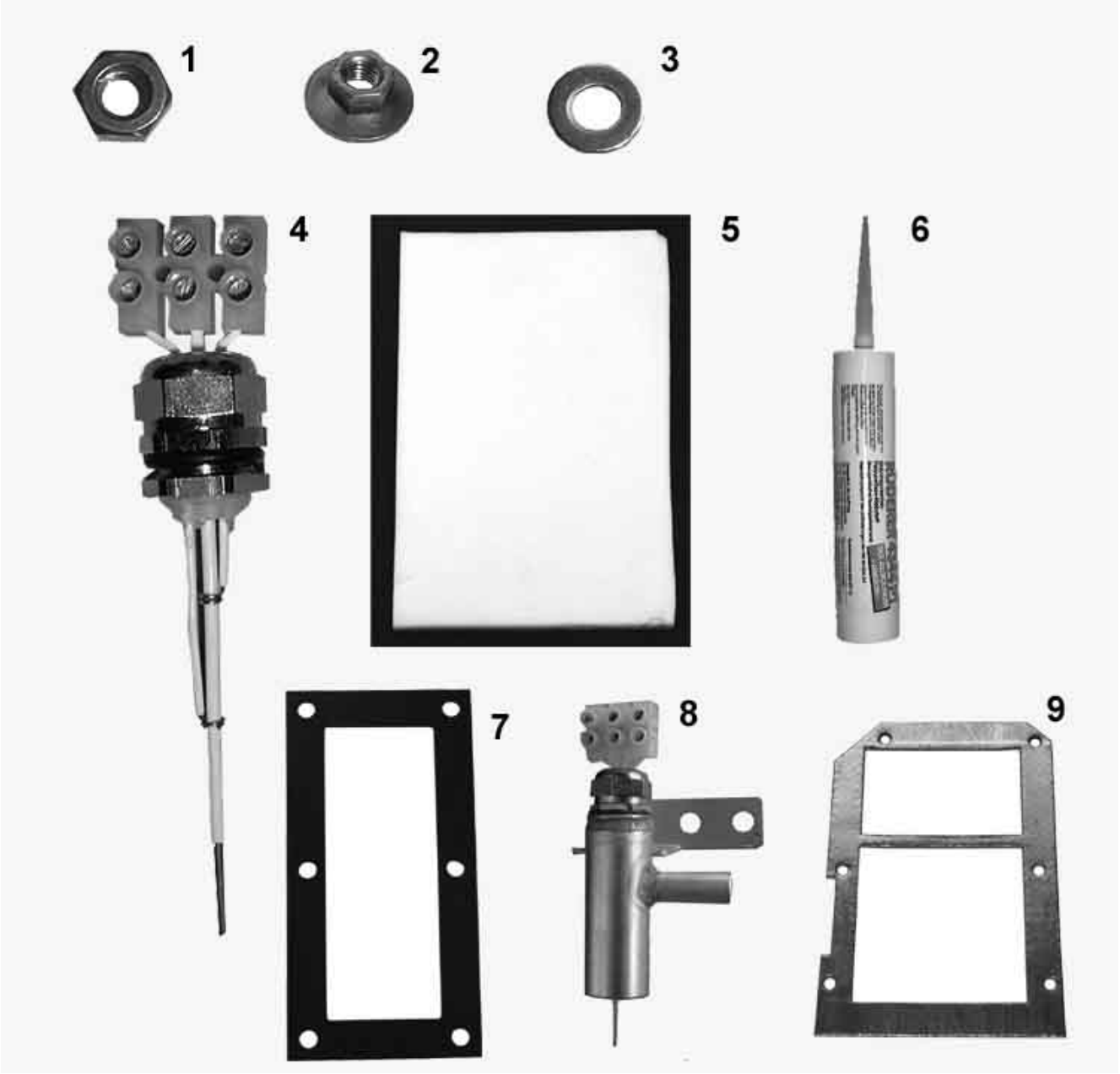
Steam generator



Steam generator

Pos.	Part no.	Description	Qty.
1	1006.0761	Hex screw M6x12	
2	1105.0121	Hex combination nut M5 galv	
5	1306.0120	Washer A6,4	
13	2066.0205	Hose clamp 8-16x9 mm SW 7mm	
14	2066.0506	Hose clamp 20-32mm	
15	2066.0522	Hose clamp ø 31,3 mm	
15	2066.0526	Hose clamp ø46mm	
15	2066.0519	Hose clamp Ø35,6mm	
21	2112.1343	Silicon hose ø22x5	
21	2110.1001	Hose ø22mm, 1000mm	
24	3002.1005	Emptying pump	
A	8350.7111	Steam generator insolated	
B		Pump connection	

Steam generator insolated



Steam generator insolated

Pos.	Part no.	Description	Qty.
1	1106.0801	Hex combination nut M6	
2	1105.0122	Hex combination nut M5 V2A	
2	1105.0121	Hex combination nut M5 galv	
2	1105.0120	Hex nut M5	
3	1305.0160	Washer A5,3x10mm	
4	3002.0409	Filling-level electrode 74mm	
5	5003.0300	Insulation, melamin resin foam	
7	5110.1308	Gasket for level elektrode insert	
8	8300.2300	Mounting device for filling celectorde	

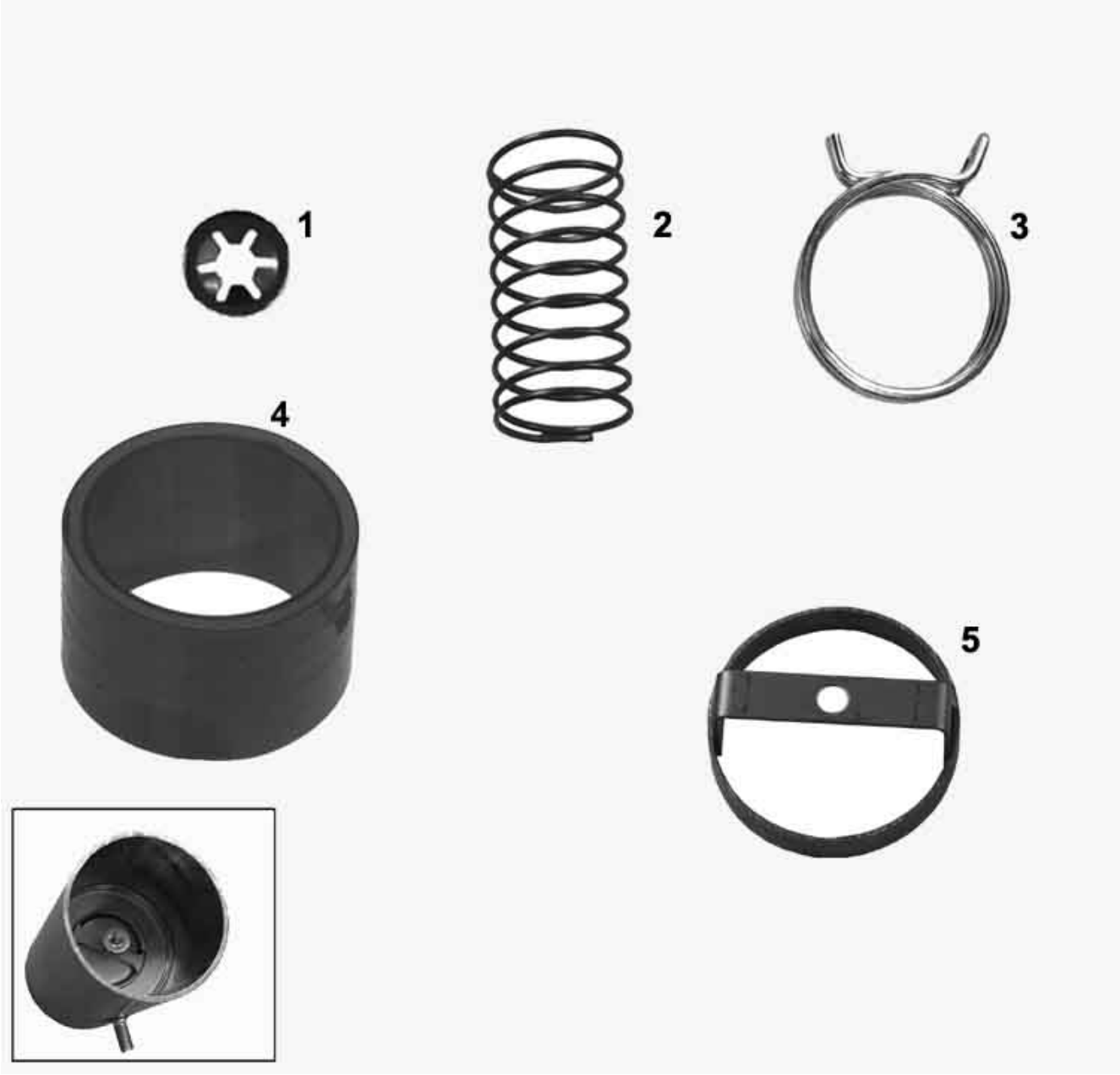
Pump connection



Pump connection

Pos.	Part no.	Description	Qty.
1	2062.0331	Junction pressure hose GS 10	
2	2066.0527	Hose clamp ø14mm	
3	2066.0530	Hose clamp ø16.4mm	
4		Silicon hose	
5	2118.1000	Pump connection spout	
6	2120.1259	Stop plug 10mm	
7	4005.0101	Tie rap 145 mm	

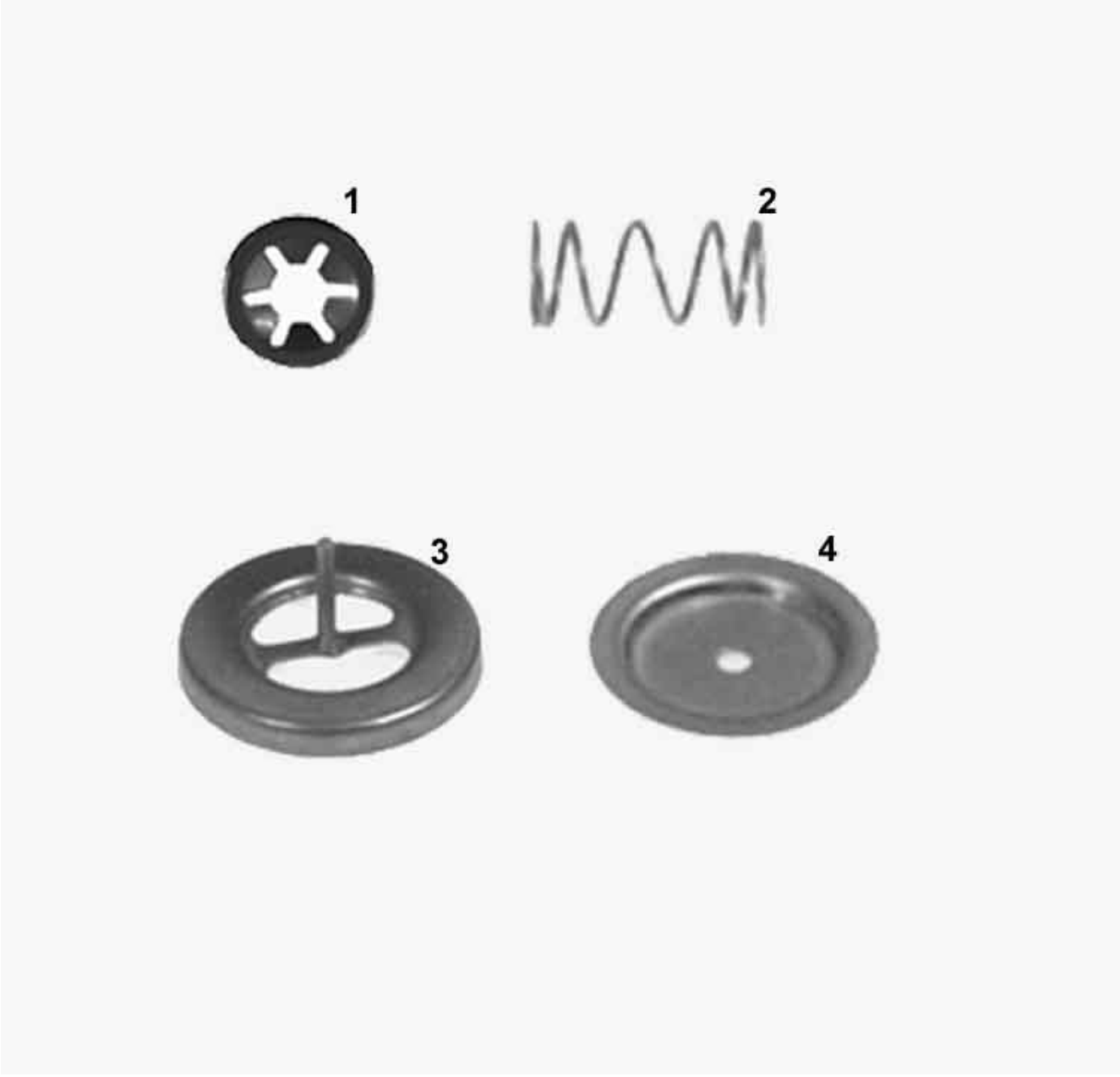
Safety valve



Safety valve

Pos.	Part no.	Description	Qty.
1	1107.0103	Star lock ø3	
2	2001.0124	Compression spring	
3	2066.0531	Hose clamp ø56	
4	2112.1311	Steam hose 50x3 215mm	
5	8450.1310	Spacer ring	
A	8450.1304	Safety valve	

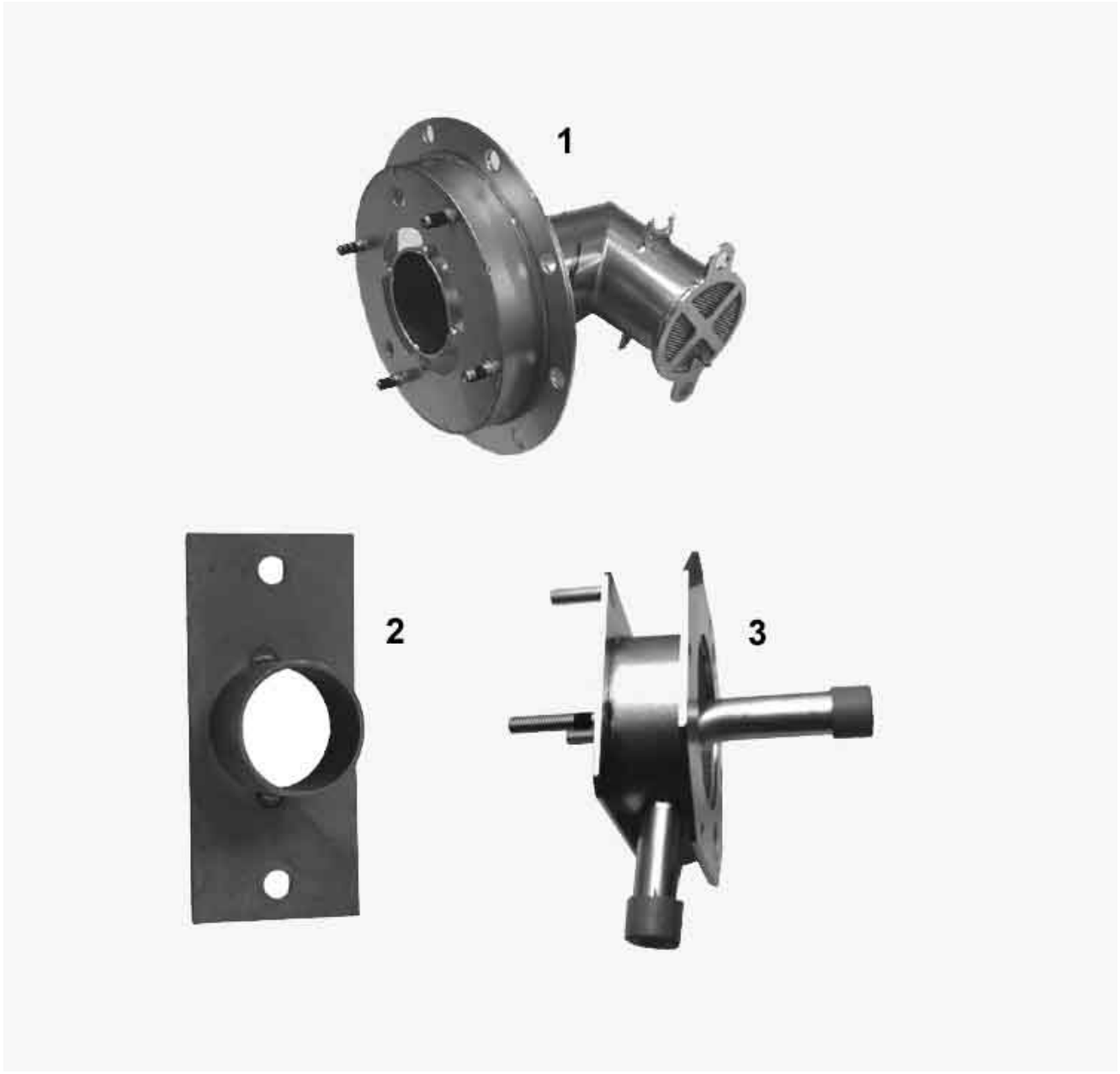
Safety valve



Safety valve

Pos.	Part no.	Description	Qty.
1	1107.0103	Star lock ø3	
2	2001.0117	Compression spring for safety valve	
3		Base for safety valve	
4	2064.1304	Cover for safety valve	

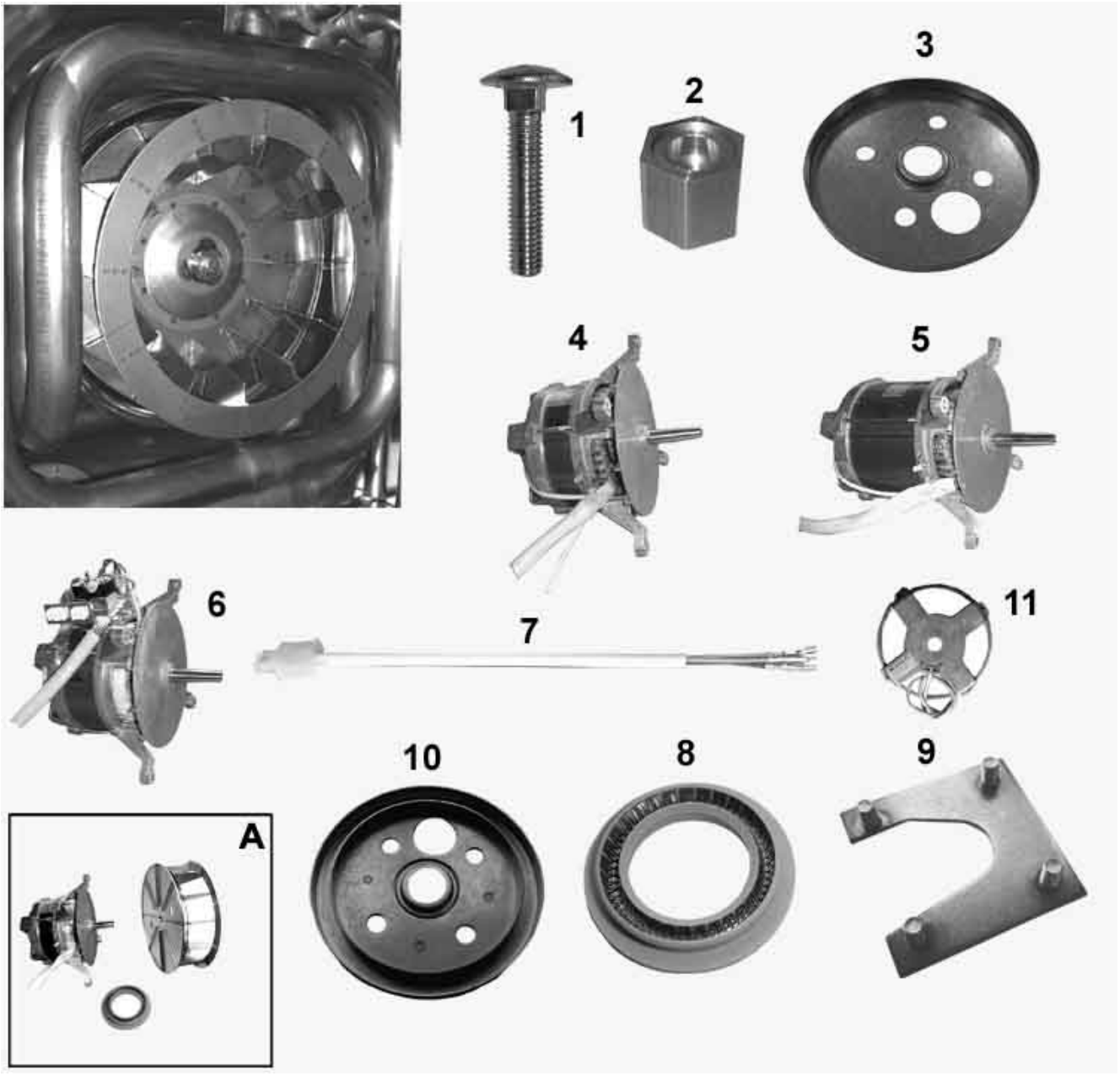
Hot air heating



Hot air heating

Pos.	Part no.	Description	Qty.
1	8668.1313	Hot air burner	

Motor and fan wheel



Motor and fan wheel

Pos.	Part no.	Description	Qty.
6	3100.1084	Fan motor 4pol	
11	8720.1384	Hallsensor cpl	
A		Fan motor assy	
A		Fan motor assy	

Fan motor assy



Fan motor assy

Pos.	Part no.	Description	Qty.
1	1010.0762	Hex screw M10x20	
2	1108.0260	Hex nut M8	
3	1208.0260	Spring washer B8	
4	1328.0102	Safety washer A10,2	
6	2012.0514	Fan wheel	

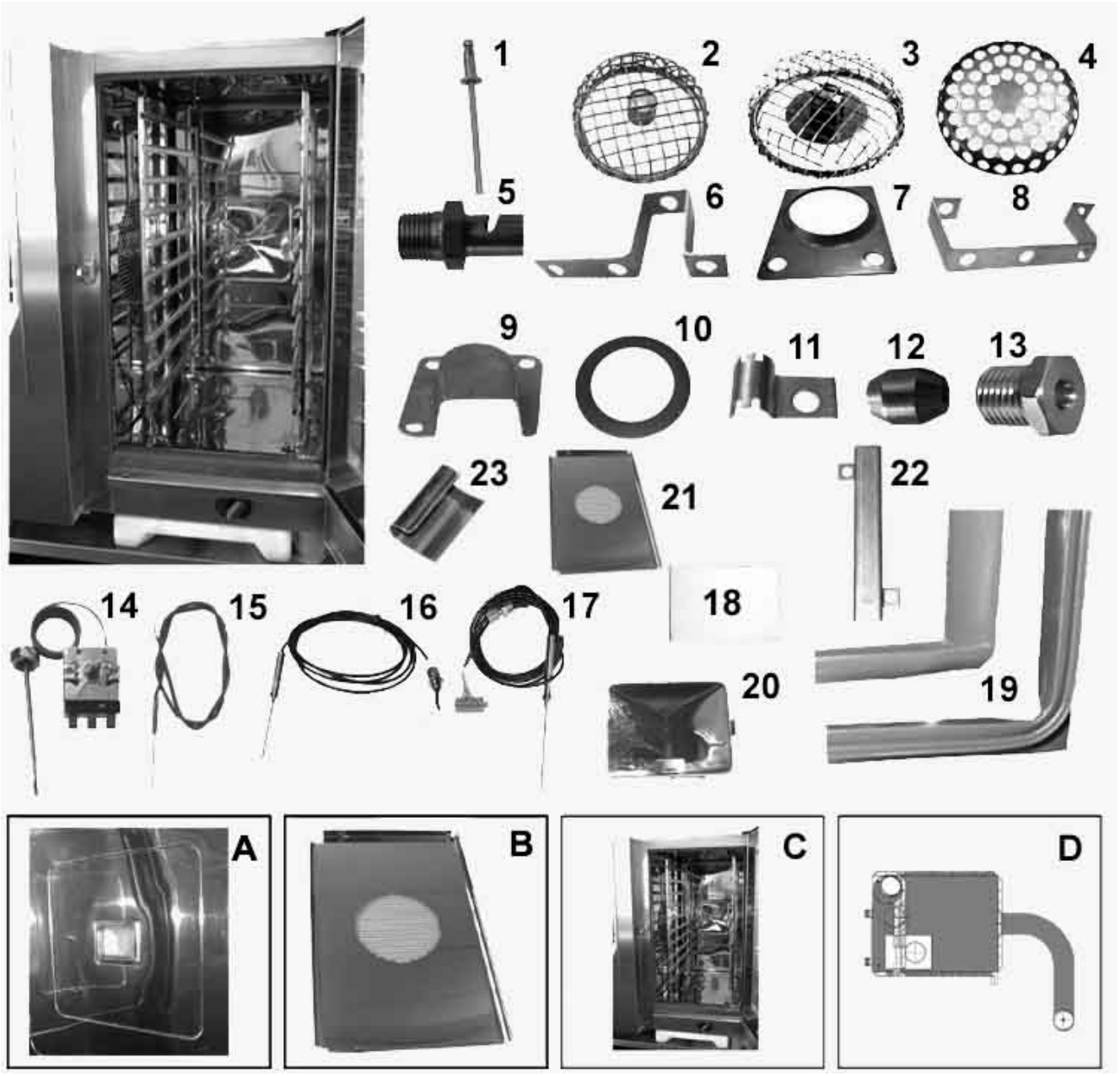
Fan motor assy



Fan motor assy

Pos.	Part no.	Description	Qty.
2	1008.1005	Square necked mushroom head bolt 8x40	
3	1010.0762	Hex screw M10x20	
4	1106.0220	Hex nut M6 flat	
5	1108.0260	Hex nut M8	
6	1208.0260	Spring washer B8	
7	1306.0120	Washer A6,4	
8	1315.0101	Copper washer 6x10	
9	1315.0109	Copper washer 8.5x16x1,2	
10	1328.0102	Safety washer A10,2	
12	2012.0514	Fan wheel	
17	2120.1306	Spacer SW19x17	
18	2920.1301	Inner sealing flange	
21	5001.0207	Motor shaft gasket	
23	8514.1339	Motor shaft gasket mounting support	
25	8514.1343	Gasket flange	

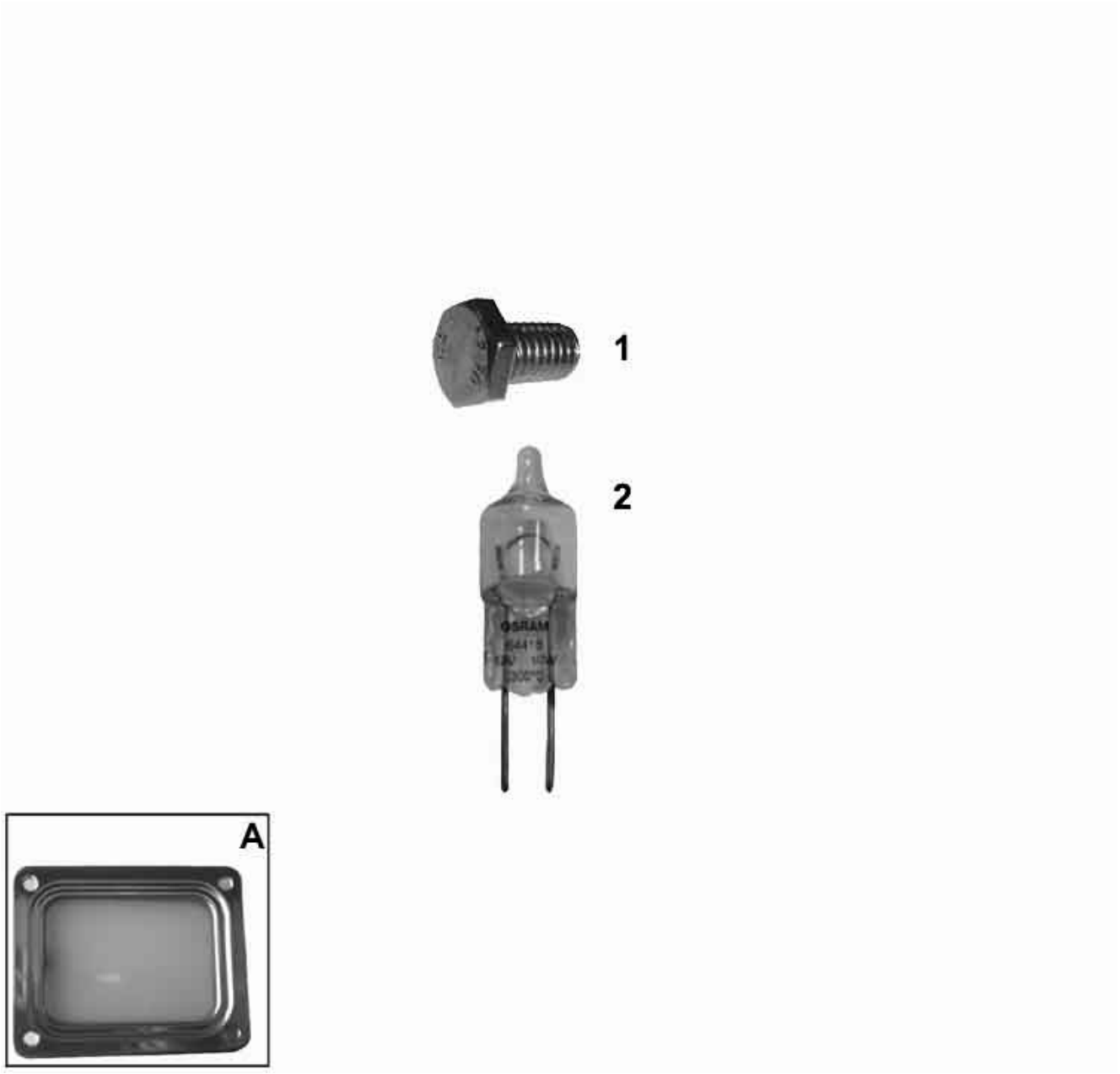
Interior cabinet



Interior cabinet

Pos.	Part no.	Description	Qty.
2	2005.0301	Outlet sieve	
4	2005.0308	Outlet sieve	
5	2035.0111	Moistening nozzle	
6	2720.1073	Mounting device for int.cabinet sensor	
9	2720.1417	Cover for steam inlet pipe	
11	2760.1089	Guide bush for core temperatur sensor	
12	3014.0162	Sealing cone for thermocouple	
13	3014.0163	Gasket sleeve with nipple	
15	3014.1004	Thermocouple	
15	3014.1000	Thermocouple for interior cabinet	
16	3035.0713	Meat probe sensor	
19	5105.1024	Door gasket	
20	8514.1018	Reflector for interior light	
23	2760.1132	Holding bracket core probe tip	
A		Interior light	
B		Air baffle	

Interior light



Interior light

Pos.	Part no.	Description	Qty.
1	1008.0753	Hex screw M5x8	
2	3024.0201	Halogen bulb 300°C	
A	8514.1034	Gasket frame with glass and gaskets	

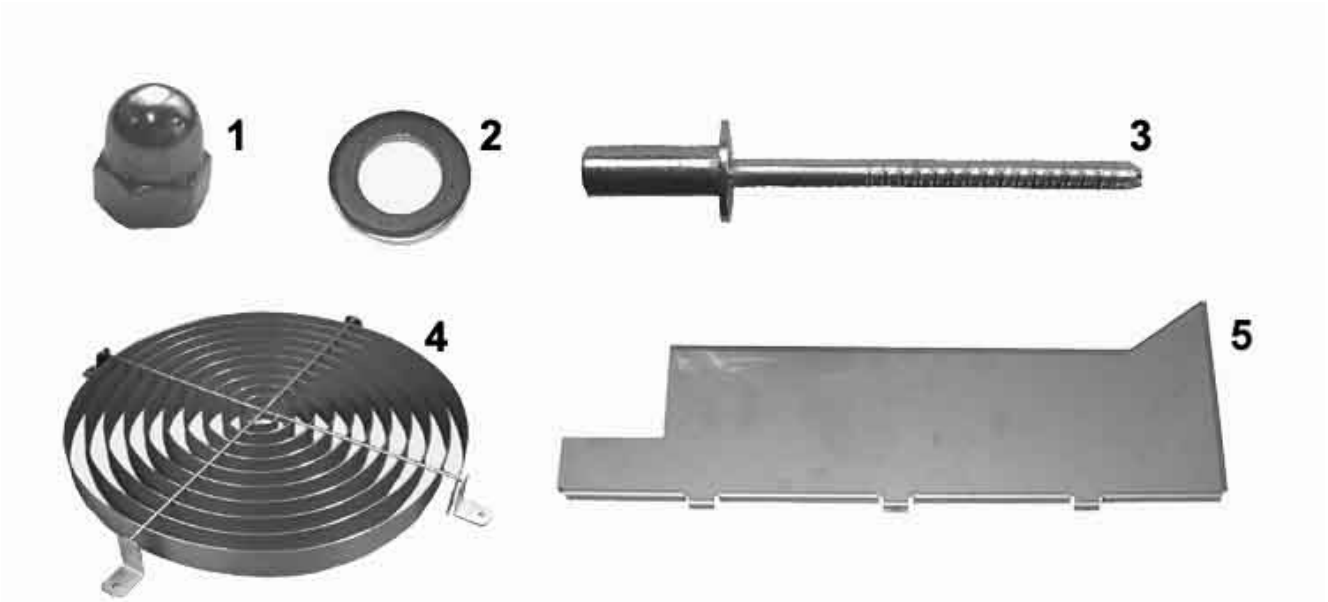
Gasket frame with glass and gaskets

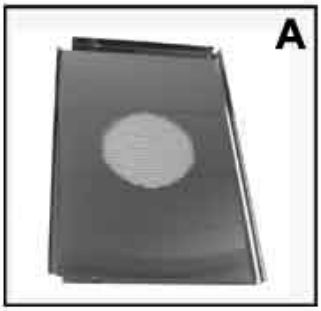


Gasket frame with glass and gaskets

Pos.	Part no.	Description	Qty.
1	5110.1022	External gasket frame for interior light	
2	5110.1023	Internal gasket frame for interior light	
3	5201.1000	Glass for interior lamp	
4	8514.1017	Gasket frame for interior light	

Air baffle





Air baffle

Pos.	Part no.	Description	Qty.
1	1106.0360	Cap nut M6, high shape	
2	1306.0221	Washer A6,4	
3	1603.0168	Rivet 3,2x8 A4	
3	1603.0166	Rivet 3,2x7,9 CNS closed	
A	8516.1344	Air baffle	

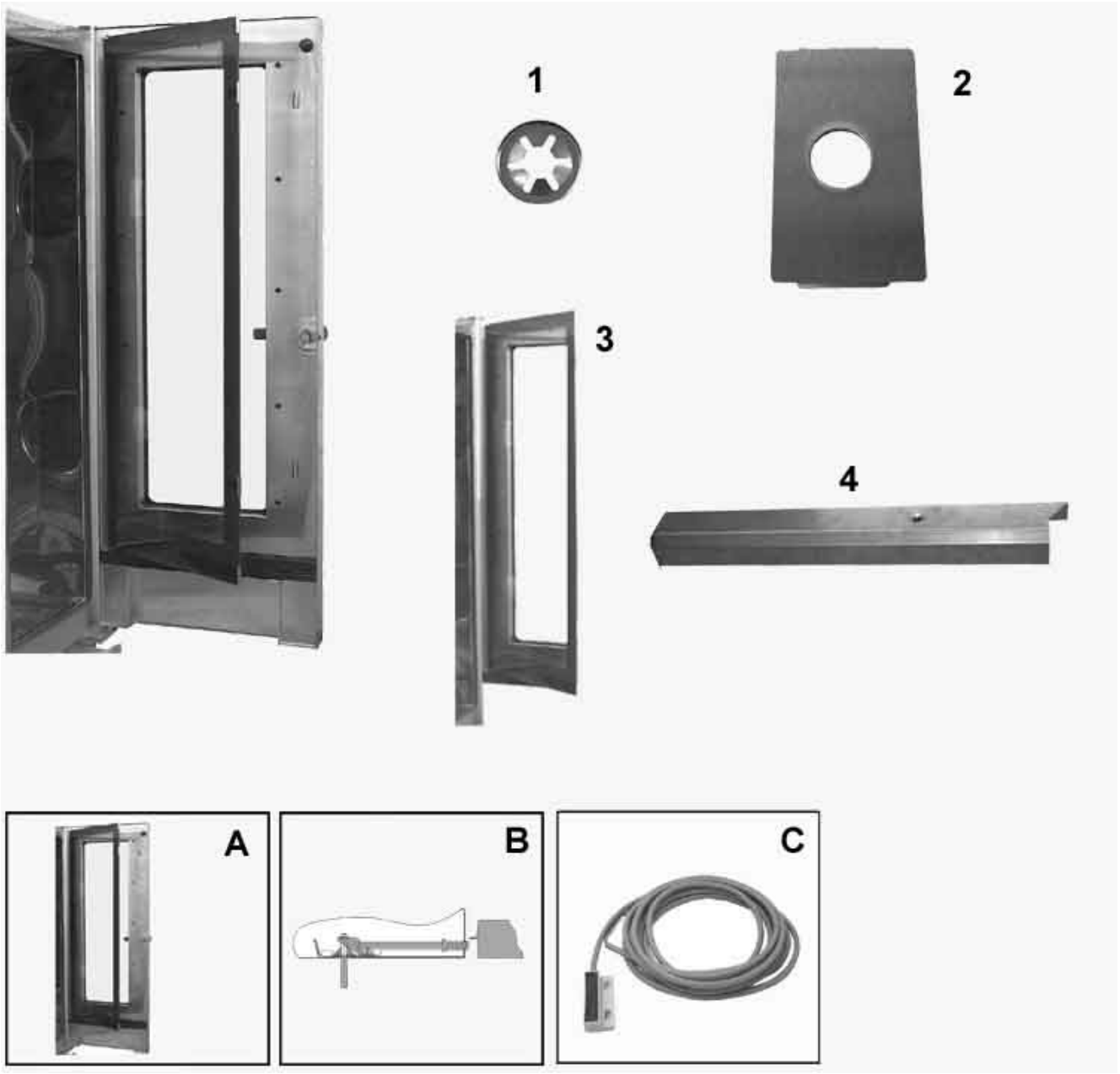
Air baffle



Air baffle

Pos.	Part no.	Description	Qty.
2	1304.0160	Washer A4,3	
3	1604.0165	Rivet 4x9,9	
3	1604.0167	Rivet 4x10	
7	2005.0103	Protective grating,ø259	
9	2760.1370	Latch hook for air baffle	

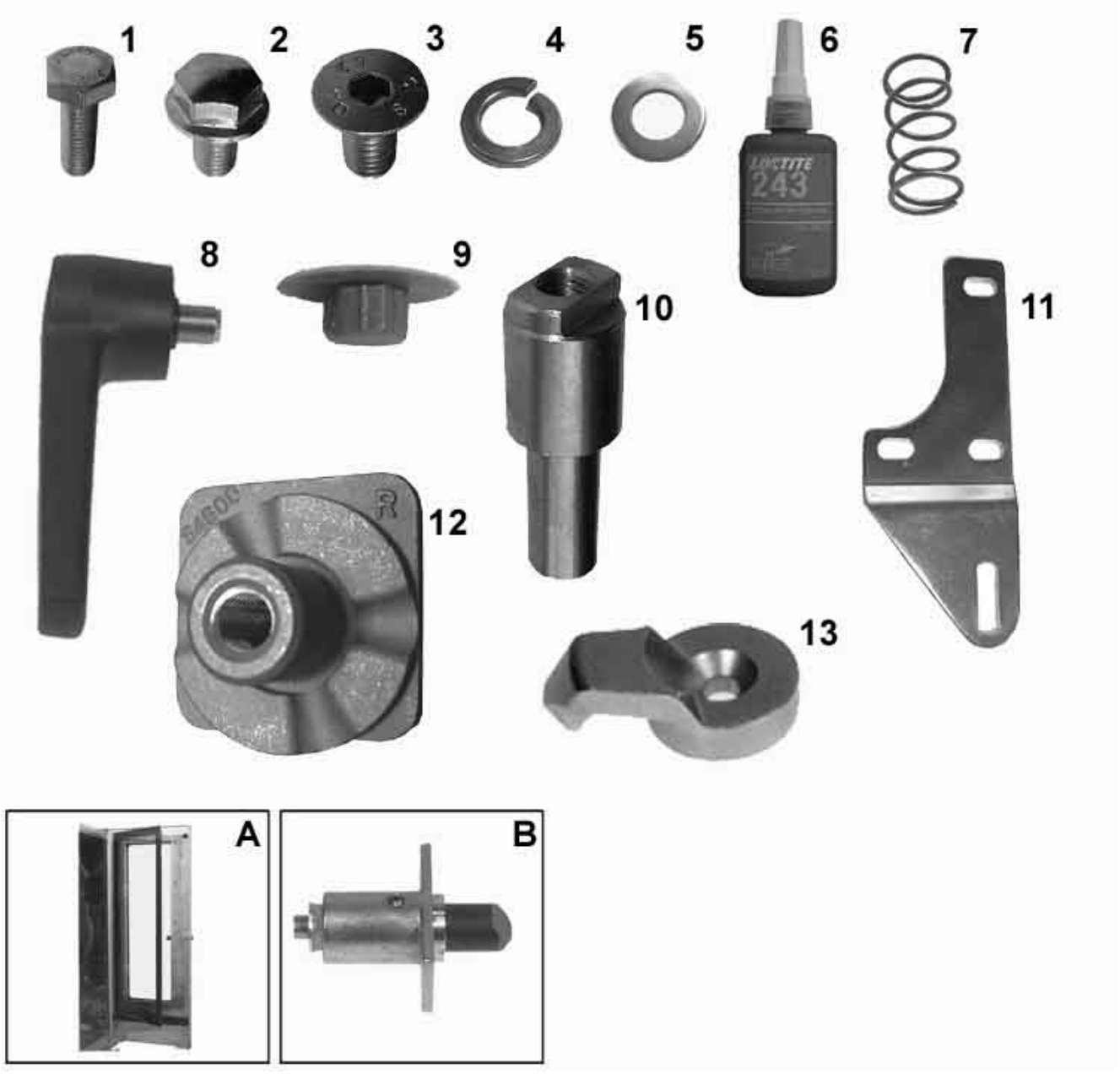
Door



Door

Pos.	Part no.	Description	Qty.
2	8455.1300	Door bolt cover	
3	8474.1319	Inner glass pane	
A		Door	

Door



Door

Pos.	Part no.	Description	Qty.
1	1008.0761	Hex screw M8x25	
1	1008.0766	Hex screw M8x30	
2	1008.0768	Ornamental screw M8x16	
3	1008.1963	Hex socket countersunk head screw M8x16	
5	1308.0160	Washer A8,4	
5	1308.0162	Washer A8,4	
7	2001.0109	Compression spring	
8	2016.1507	Door handle Rational	
9	2039.0309	Cover cap for door	
10	2120.1254	Door bolt top	
11	2930.1307	Door mounting support top	
12	2940.1303	Door setting console 110°	
13	2940.1305	Door bolt	
A	8470.5101	Door cpl	
B	8514.1307--	Door catch	

Door cpl


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Door cpl

Pos.	Part no.	Description	Qty.
1	1005.1901	Straight pin ø5,6x16	
2	1005.1966	Countersunk screw Torx M5x16	
3	1006.0761	Hex screw M6x12	
3	1008.0752	Hex screw M5x10	
4	1105.0122	Hex combination nut M5 V2A	
5	1206.0261	Spring washer B6	
6	1305.0160	Washer A5,3x10mm	
7	2001.0040	Loctite 243 50ml	
7	2001.0042	Loctite 243 10 ml	
8	2039.0341	Spacer for door	
9	2110.1014	Silicon hose ø3mm	
10	2760.1396	Spring supp. f. int. glass holding bra.	
11	2940.1300	Sleeve for door bolt top	
12	2940.1302	Door setting bolt	
13	3016.1409	Magnet round for door contact d10x40	
14	5006.0200	Silicon tube E41 90ml	
15	5006.0212	Silicone tube E127, 310 ml silver	
16	5105.1026	Gasket for transport trolley	
17	8474.1410	Door lock	
18	1603.0166	Rivet 3,2x7,9 CNS closed	
19	2002.0106	Tension spring for inner window	
20	2039.0402	Spacer for interior door	
21	2760.1395	Fixing bracket for interior glass pane	
22	2940.1306	Cover for door lock	
A	8474.1305	Door lock	

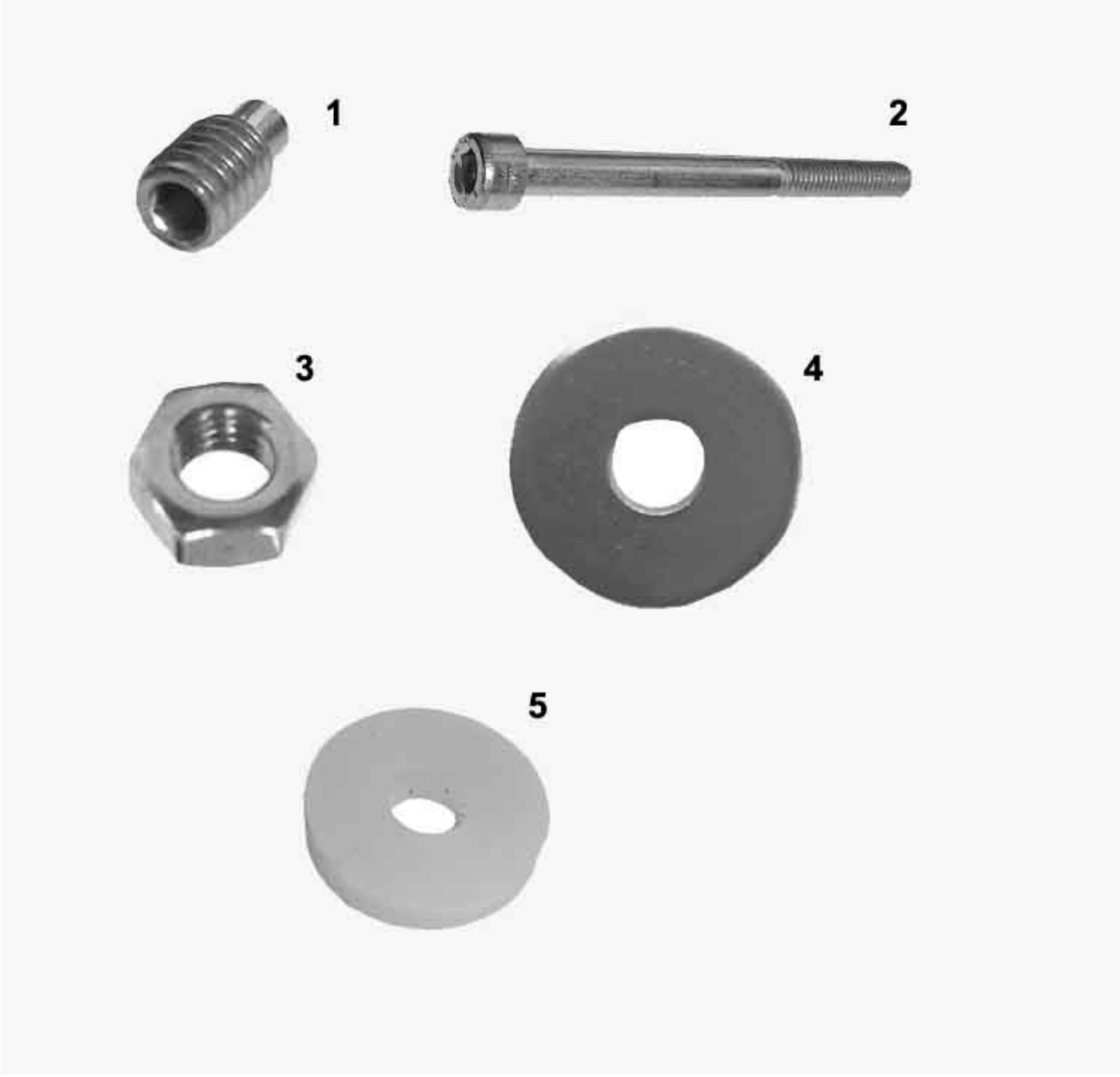
Door lock



Door lock

Pos.	Part no.	Description	Qty.
1	1005.1901	Straight pin ø5,6x16	
2	1006.7601	Allen screw M6x16	
3	2001.0042	Loctite 243 10 ml	

Door catch



Door catch

Pos.	Part no.	Description	Qty.
1	1004.0904	Hex socket set screw M6x10	
2	1006.0625	Allen screw M6x70	
3	1106.0160	Hex nut M6	
4	1306.0550	Washer A6,6	
5	5012.0711	Silicone plate for door	

Water supply, quenching box



Water supply, quenching box

Pos.	Part no.	Description	Qty.
2	2066.0205	Hose clamp 8-16x9 mm SW 7mm	
3	2066.0504	Hose clamp 40-60mm	
4		Pressure hose	
7	3002.0330	Double solenoid valve	
8	3002.0331	Single solenoid valve	
A	8354.1310	Venting valve for steam generator	
B		Water connection	
C		Quenching box	

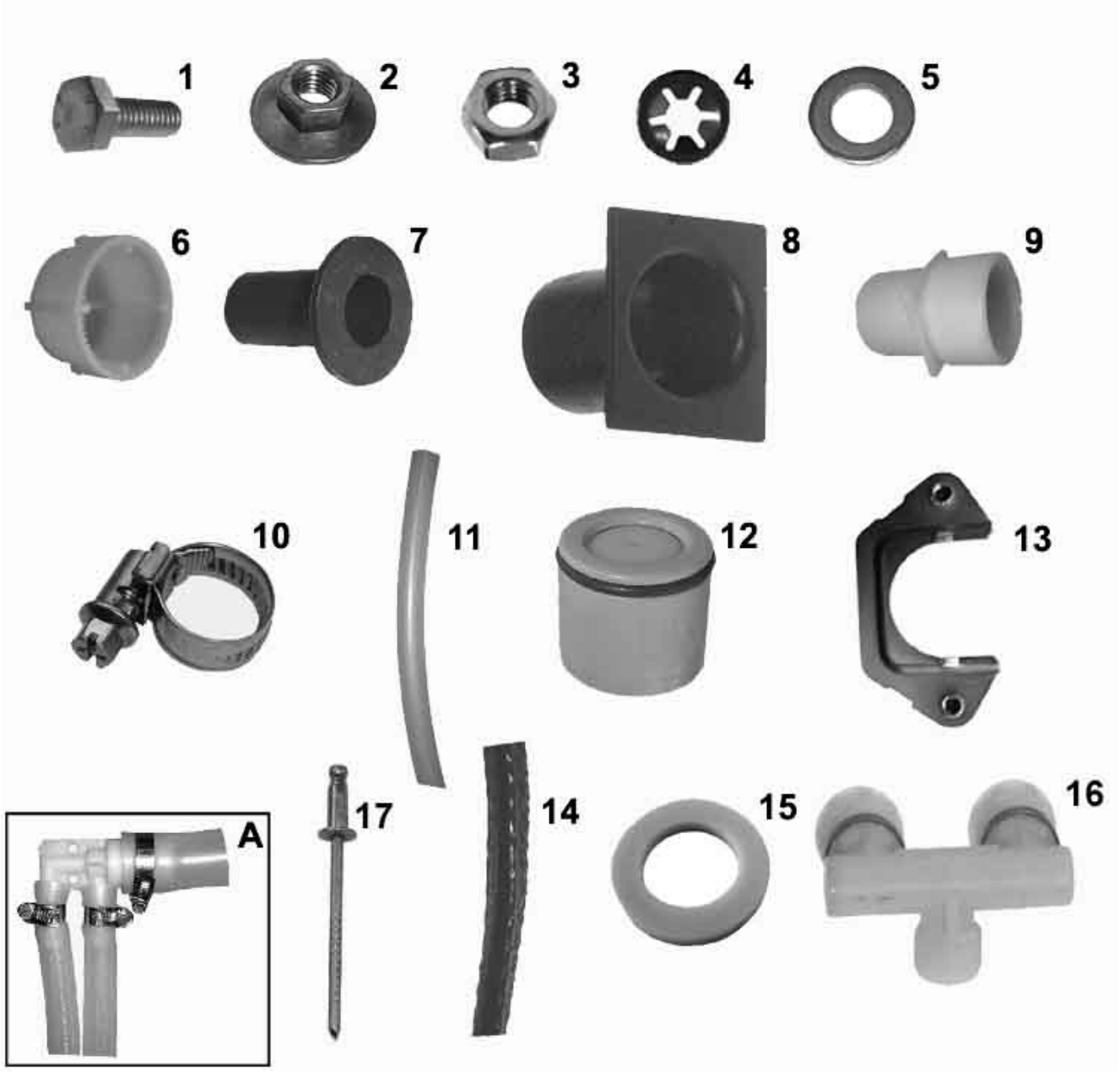
Venting valve for steam generator



Venting valve for steam generator

Pos.	Part no.	Description	Qty.
1	2062.0332	Receptacle for ventilation valve SG	
2	2066.0205	Hose clamp 8-16x9 mm SW 7mm	
3	2066.0506	Hose clamp 20-32mm	
4	2067.0050	Pressure hose d10mm	
5	2069.0108	Ventilation valve	
6	2112.1310	Form hose for ventilation of steam generator	

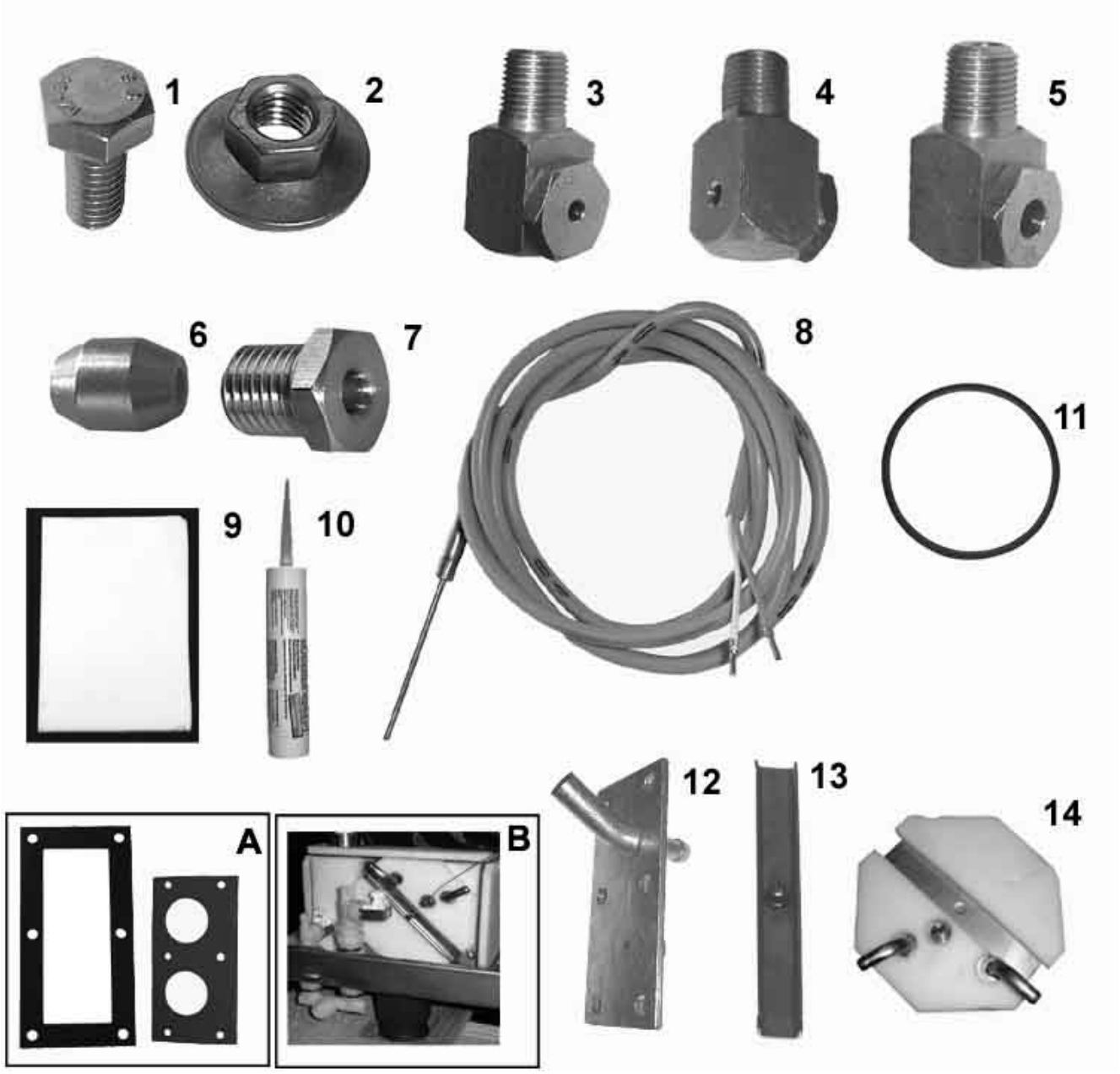
Water connection



Water connection

Pos.	Part no.	Description	Qty.
1	1004.0666	Hex screw M4x10	
4	1107.0103	Star lock ø3	
6	1900.0202	Water filter	
8	2060.1211	Tulip for handshower	
9	2062.0333	Housing for non returne valve	
10	2066.0205	Hose clamp 8-16x9 mm SW 7mm	
11	2067.0050	Pressure hose d10mm	
12	2069.0108	Ventilation valve	
13	3002.0339	Fixing bracket for solenoid valve	
15	5110.1024	Gasket for G3/4" threaded joint	
16	8664.1301	T-fitting water connection	
A	8354.1310	Venting valve for steam generator	

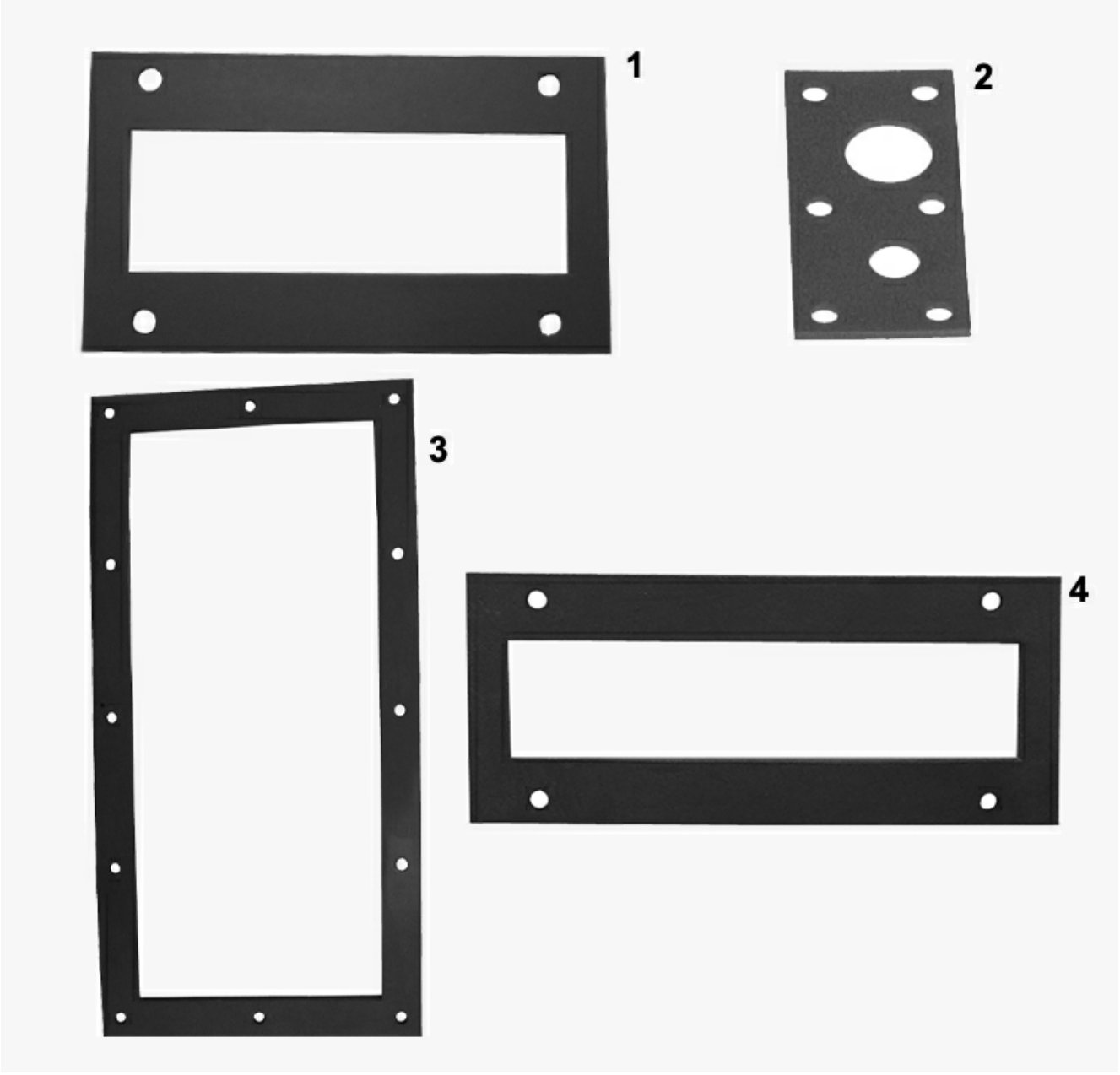
Quenching box



Quenching box

Pos.	Part no.	Description	Qty.
2	1105.0122	Hex combination nut M5 V2A	
5	2016.0943	Quenching nozzle	
12	8666.1201	Flange quenching nozzle	
A	5110.1306	Set gasket for quenching box	
B		Quenching box	

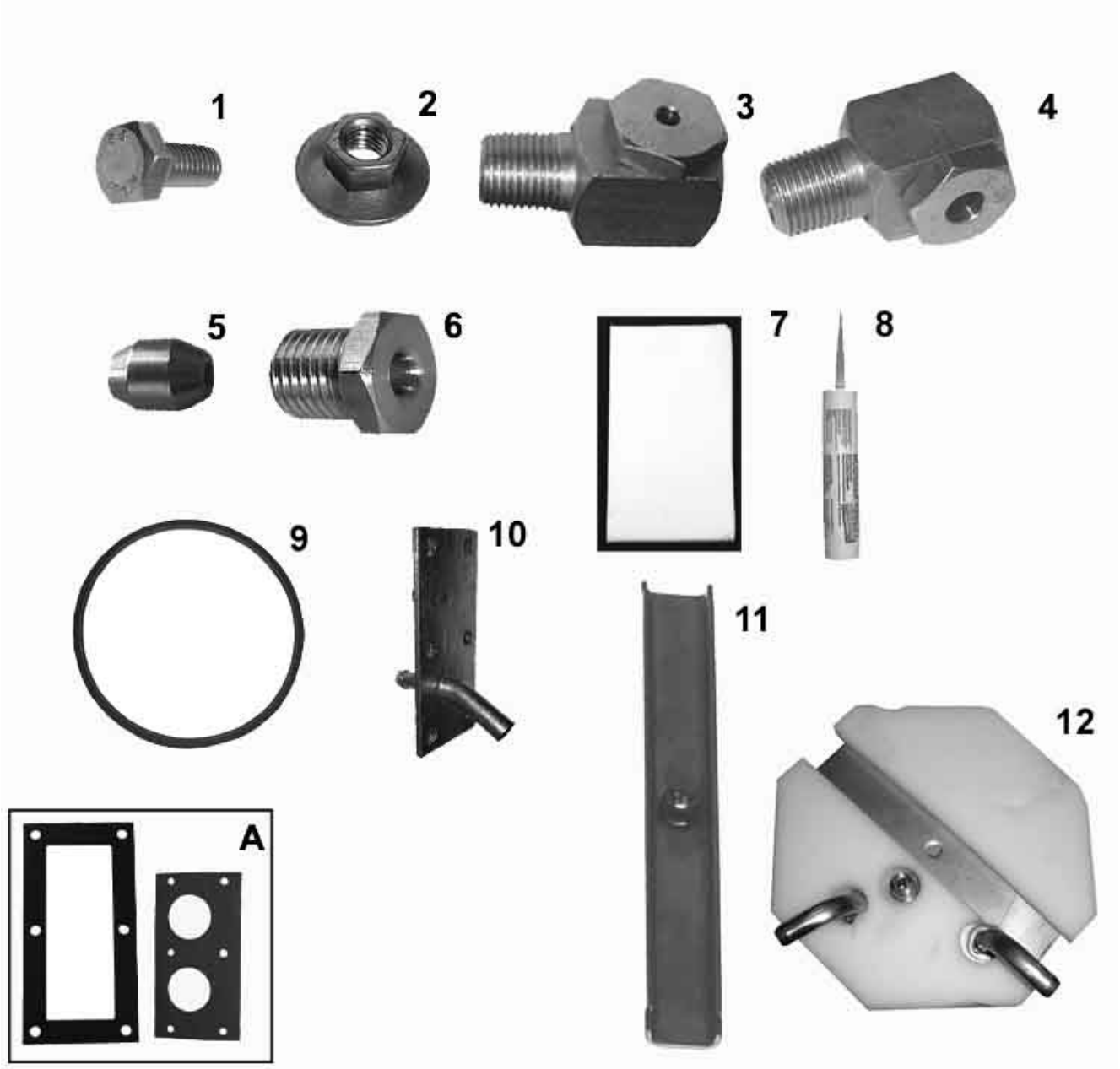
Set gasket for quenching box



Set gasket for quenching box

Pos.	Part no.	Description	Qty.
2	5110.1302	Gasket quenching flange	
3	5110.1303	Gasket for inspection cover	
4	5110.1304	Gasket interior cabinet drain/quenching	

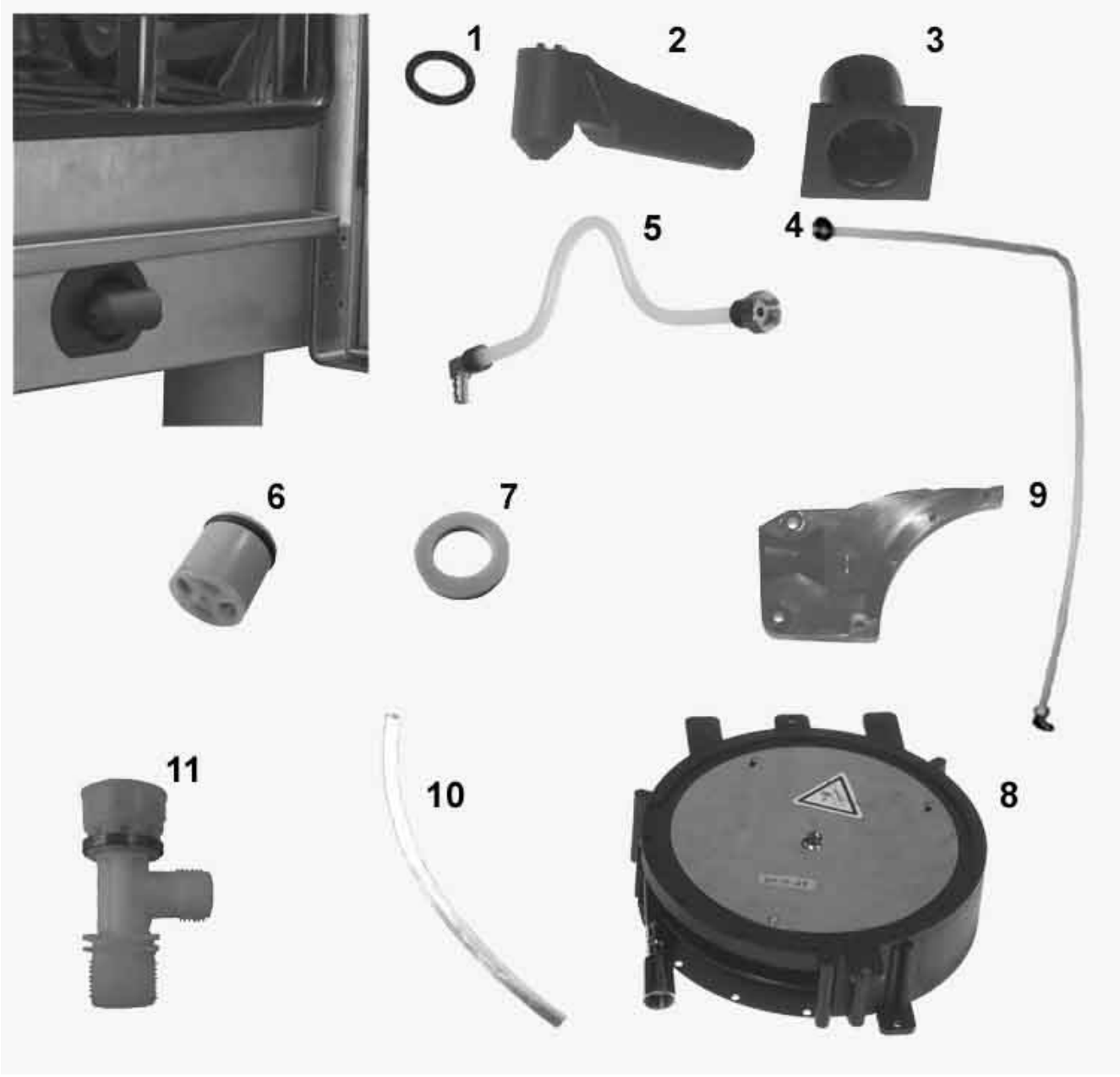
Quenching box



Quenching box

Pos.	Part no.	Description	Qty.
7	5003.0300	Insulation, melamin resin foam	
8	5006.0500	Polyurethan-Glue for insulation 310ml	

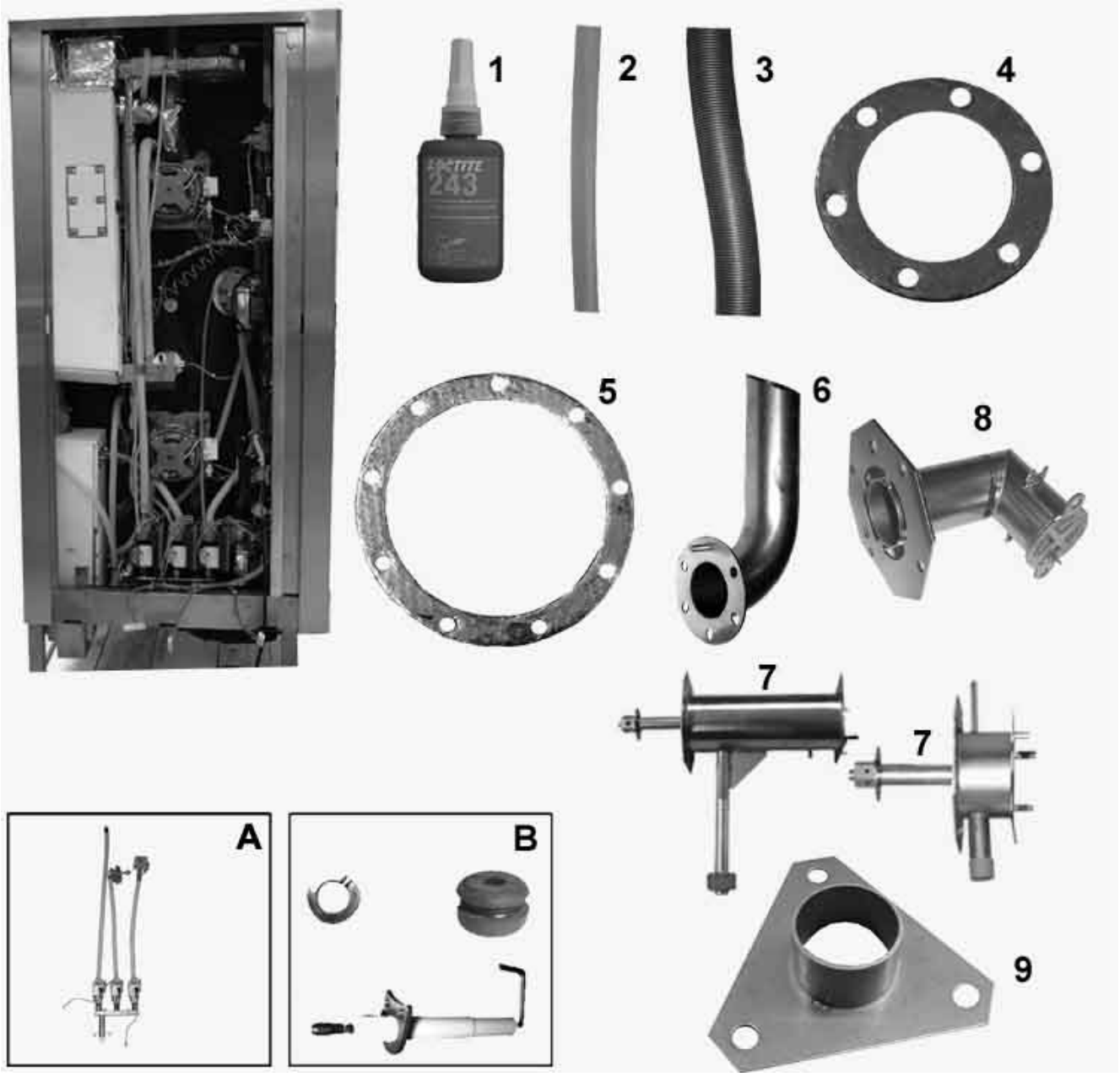
Hand shower



Hand shower

Pos.	Part no.	Description	Qty.
1	2060.0228	O-ring for shower hose	
2	2060.1006	Hand shower	
5	2062.0330	Connecting pipe for hand shower	
6	2069.0106	Non return valve DN 10 Handshower	
8	8655.2020	Hand shower roll guide	
9	8655.2022	Hose guide for handshower	
11	8664.1300	T-fitting handshower connection	

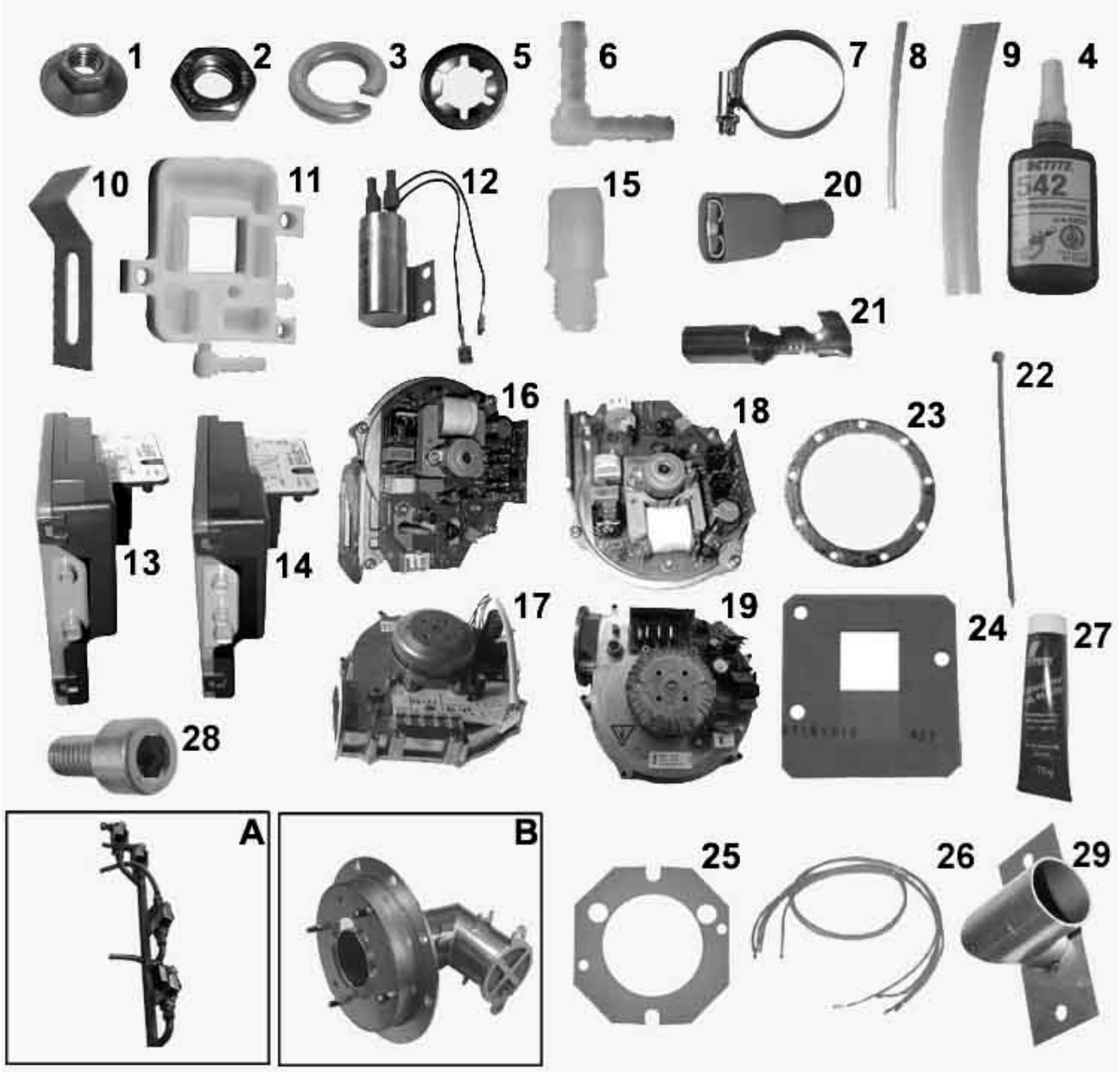
Gas parts



Gas parts

Pos.	Part no.	Description	Qty.
1	2001.0040	Loctite 243 50ml	
4	5110.1329	Gasket for exhaust flange top	
5	5110.1311	Gasket for Burner flange	
7	8720.1498	Conversion kit gas to LPG 3P	
7	8720.1499	Conversion kit gas to Towngas	
7	8720.1496	Conversion kit gas to natural g low	
7	8720.1495	Conversion kit gas to natural g high	
7	8720.1497	Conversion kit gas to LPG 3B/P, 3+	
7	8720.1509	Conversion kit gas to natural gasG21	
A		Gas module	
B		Burner	

Gas module


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Gas module

Pos.	Part no.	Description	Qty.
1	1106.0803	Hex combination nut M6 galv	
1	1106.0801	Hex combination nut M6	
1	1105.0122	Hex combination nut M5 V2A	
4	2001.0043	Loctite 54234 50ml	
9	2112.1019	Silicon hose	
11		Primäry gas diffuser	
14	3039.0107	Gas ignition module	
19	3101.1017	Blower for burner RG130	
20	4002.0111	Slip-on terminal 0,5-1,0mm², 6,3mm	
23	5110.1311	Gasket for Burner flange	
24	5110.1345	Air orifice gasket steam	
27	9003.0211	Klüberpaste HEL 46-450 70g tube	
A		Gas supply	
B		Burner	
C	8801.1222	Wire set ignition/monitoring	

Gas supply



Gas supply

Pos.	Part no.	Description	Qty.
1	1104.0122	Hex combination nut M4 galv	
2	2001.0043	Loctite 54234 50ml	
3	2020.0400	Fixing device for cable harness	
4	2036.0600	Ermeto gas fitting GE-15	
5	2036.0606	Ermeto threading EOG-15PL, A3C	
6	2036.0607	Ermeto gas angle W15 PL A3C	
7	2036.0612	Union nut	
8	2036.0613	Cutting ring for gas fitting	
9	2036.0614	Connecting flange 1/2" f.gas valve	
11	2115.1022	Corrugated hose G1/2 640mm length	
11	2115.1012	Corrugated hose G1/2 lenght 440mm	
16	3039.0245	Gas valve	

Burner



Burner

Pos.	Part no.	Description	Qty.
1	1203.0260	Spring washer B3	
2	2022.0111	Grommet for ignition/monitoring wire	
3	2068.0300	Ignition electrode	
4	1003.0660	Allen screw M3x8	

Wire set ignition/monitoring



Wire set ignition/monitoring

Pos.	Part no.	Description	Qty.
1	4002.0111	Slip-on terminal 0,5-1,0mm², 6,3mm	
2	4002.0116	Slip-on terminal 0.5-1mm², 2.8x0.8mm	
3	4004.0302	Circular pin sleeve for ignition and monring electrode	

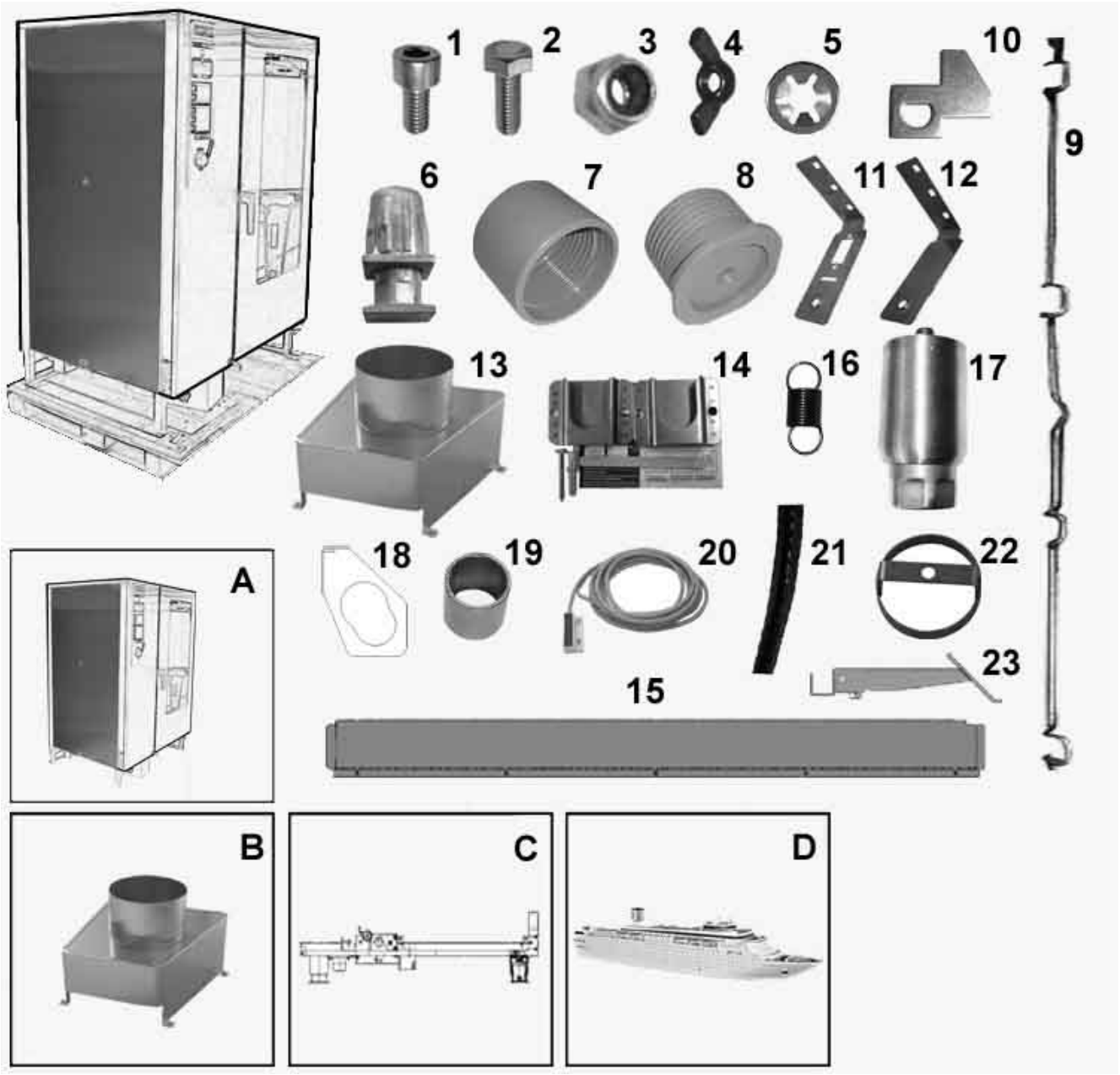
Burner



Burner

Pos.	Part no.	Description	Qty.
1	1203.0260	Spring washer B3	
2	2022.0111	Grommet for ignition/monitoring wire	
3	2068.0300	Ignition electrode	
4	1003.0660	Allen screw M3x8	
5	8668.1315	Burner pipe	

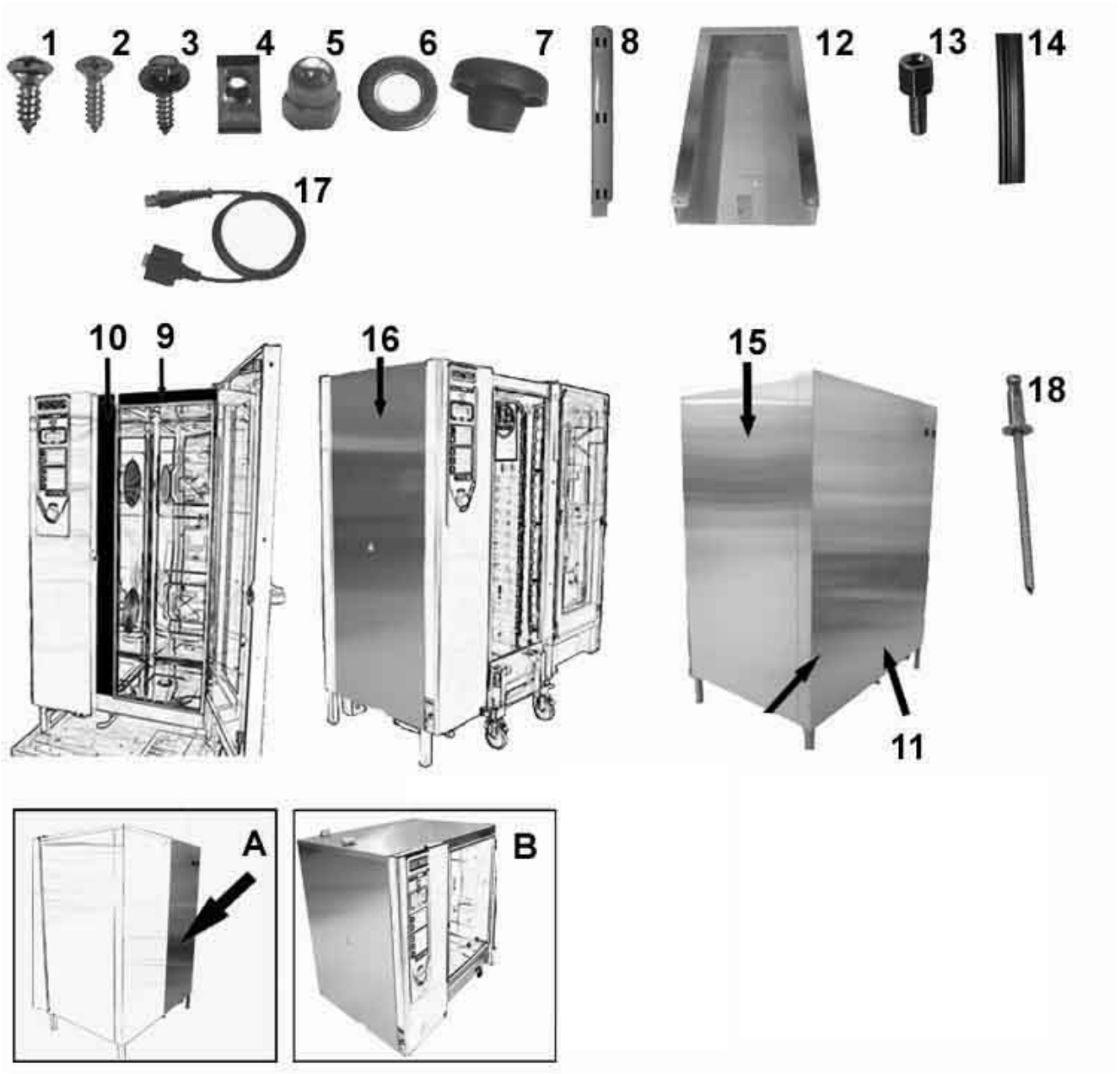
Exterior cabinet



Exterior cabinet

Pos.	Part no.	Description	Qty.
10	2510.530746	Stop for potentiometer hot air	
14	8700.0317	Floor fixing for units	
19	2812.1304	Spacer for vent cover	
20	3016.1415	Door switch	
22	8455.1209	Vent cover	
22	8450.1310	Spacer ring	
A		Exterior cabinet	
B	8455.1326	Front panel welded	
C		Base frame	

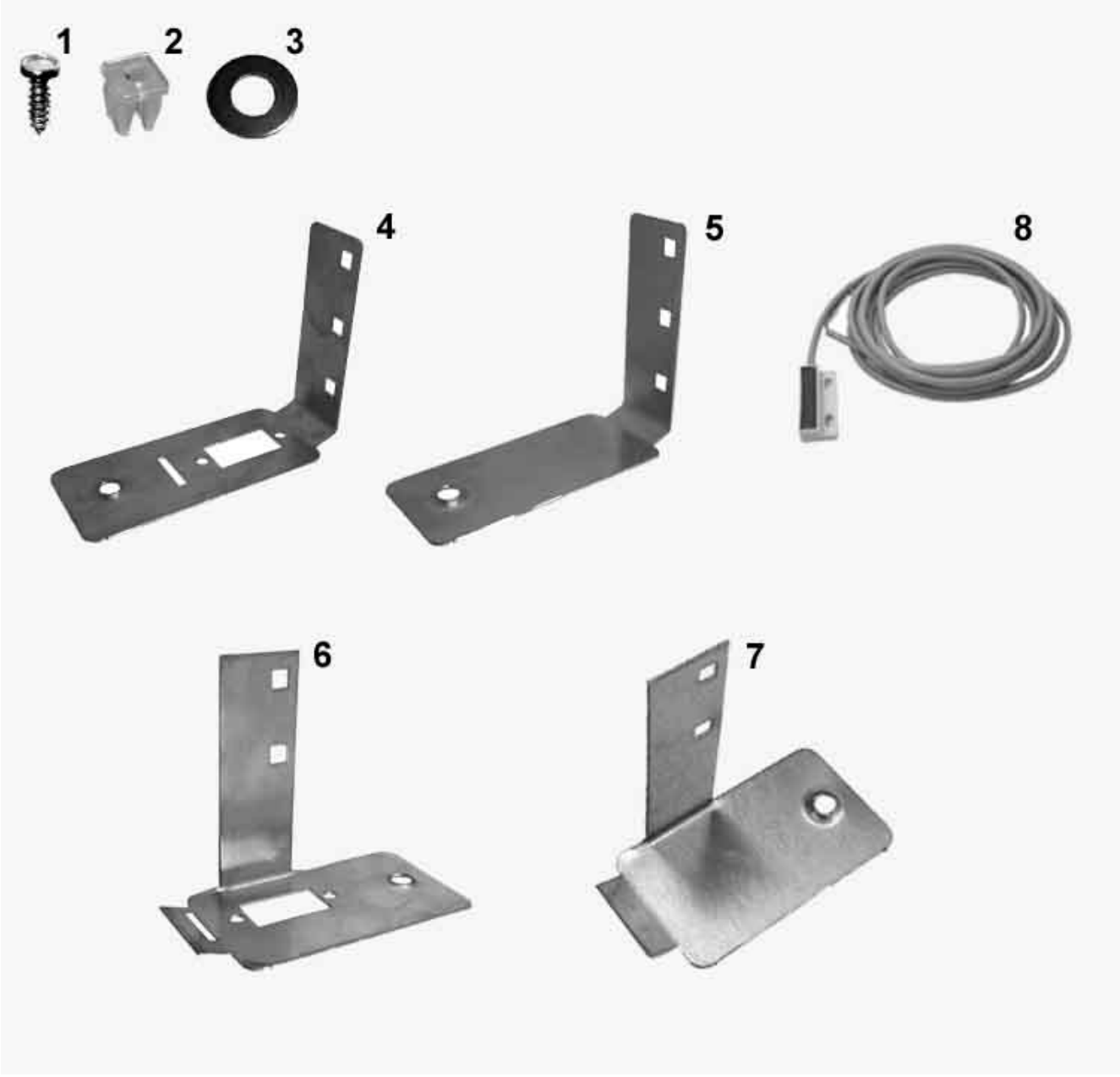
Exterior cabinet



Exterior cabinet

Pos.	Part no.	Description	Qty.
1	1003.2261	Raised counters. head self tapp. screw 4,2x13	
2	1003.2265	Countersunk self tapping screw 4,2x16	
3	1004.2160	Hex self tapping screw 4,2x16	
4	1104.0820	Snap nut 4,2mm	
5	1105.0260	Cap nut M5, high shape	
6	1305.0160	Washer A5,3x10mm	
7	2039.0331	Cap for service door	
8	2039.0338	Corner guard handshower hose	
9	2710.1336	Crossbar top	
10	2710.1331	Top crossbar left side	
12	2710.1412	Air intake channel	
14	5100.1012	Gasket venting pipe-top cover	
14	5105.1028	Gasket f. breather tube d=74mm	
15	8455.1361	Back panel right	
15	8455.1314	Side panel right	
16	8455.1313	Side panel left	
18	1603.0161	Rivet 3,2x6	
18	1603.0166	Rivet 3,2x7,9 CNS closed	
A	8455.1430	Back panel left	
A		Door switch	
B	8457.1334	Top cover	

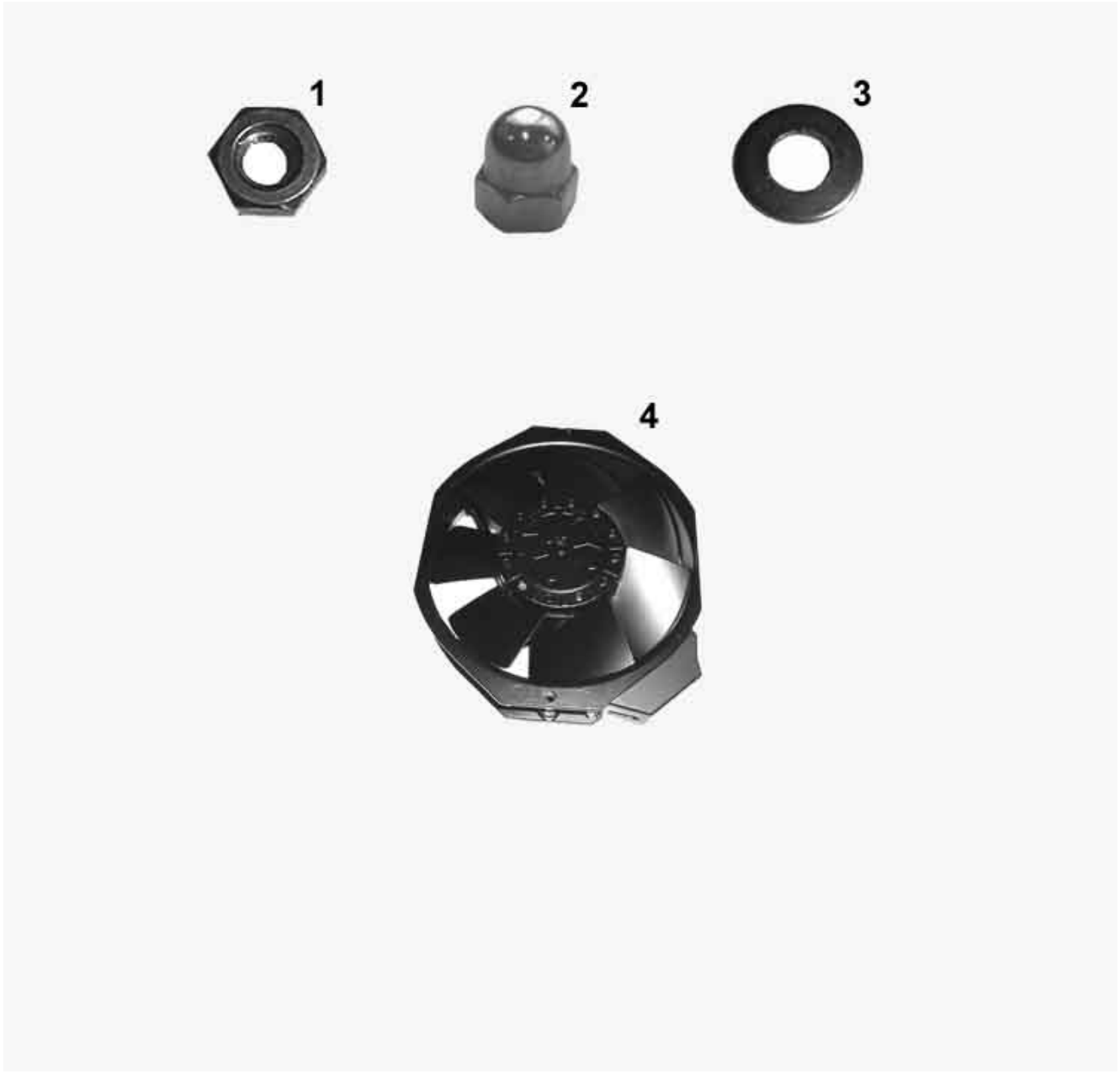
Door switch



Door switch

Pos.	Part no.	Description	Qty.
1	1003.2160	Hex self tapping screw 2,9x9,5	
2	1103.0600	PVC plug in nut for metal screw 2.9mm	
3	1304.0150	Washer A3,2	
7	2760.1548	Bracket for door contact switch	
8	3016.1415	Door switch	

Back panel left



Back panel left

Pos.	Part no.	Description	Qty.
1	1104.0120	Hex nut M4	
2	1105.0260	Cap nut M5, high shape	
3	1304.0160	Washer A4,3	
3	1305.0160	Washer A5,3x10mm	
4	3101.1013	Cooling fan	

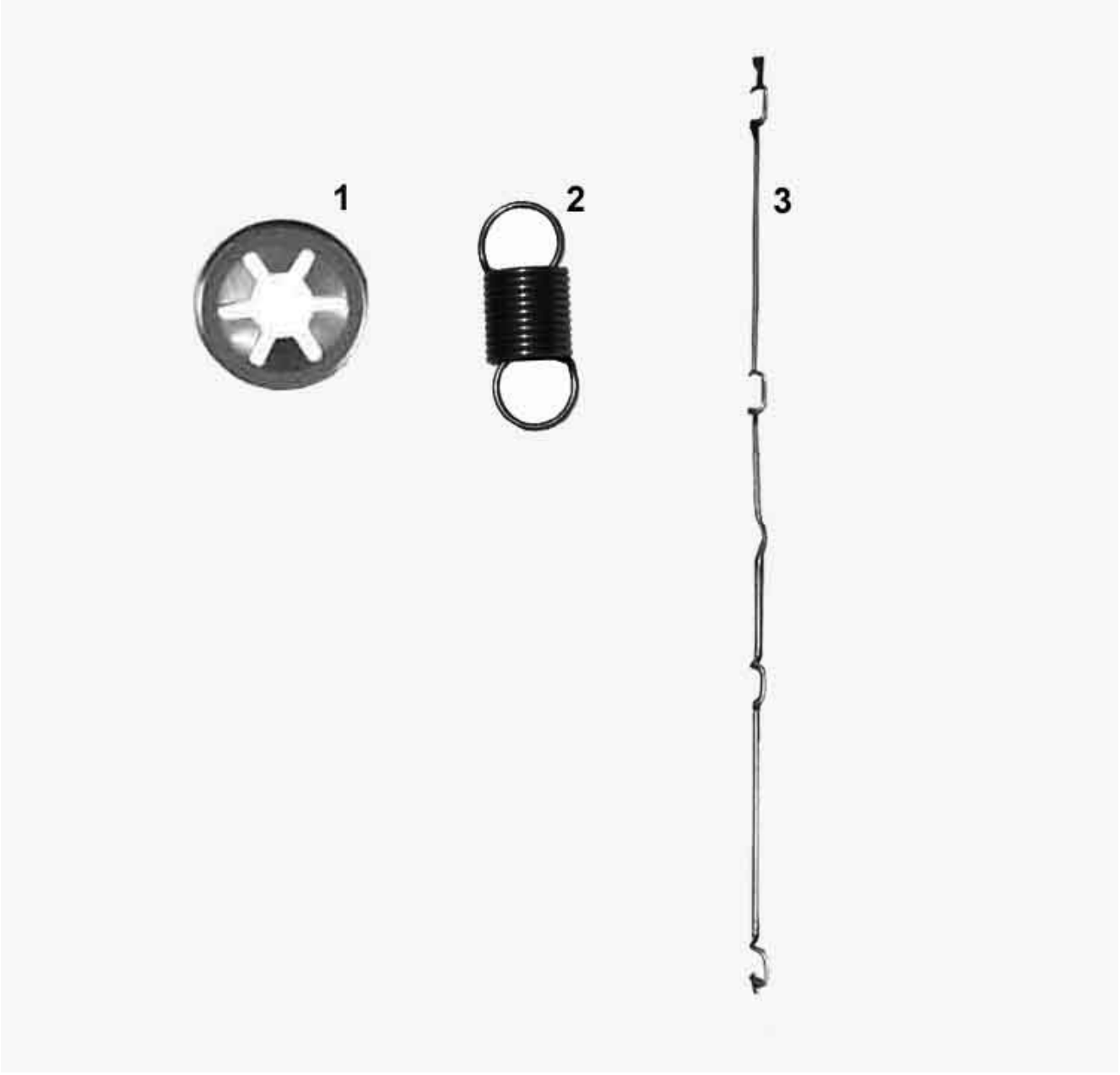
Top cover



Top cover

Pos.	Part no.	Description	Qty.
1	1105.0260	Cap nut M5, high shape	
2	1305.0160	Washer A5,3x10mm	
3		Top cover	

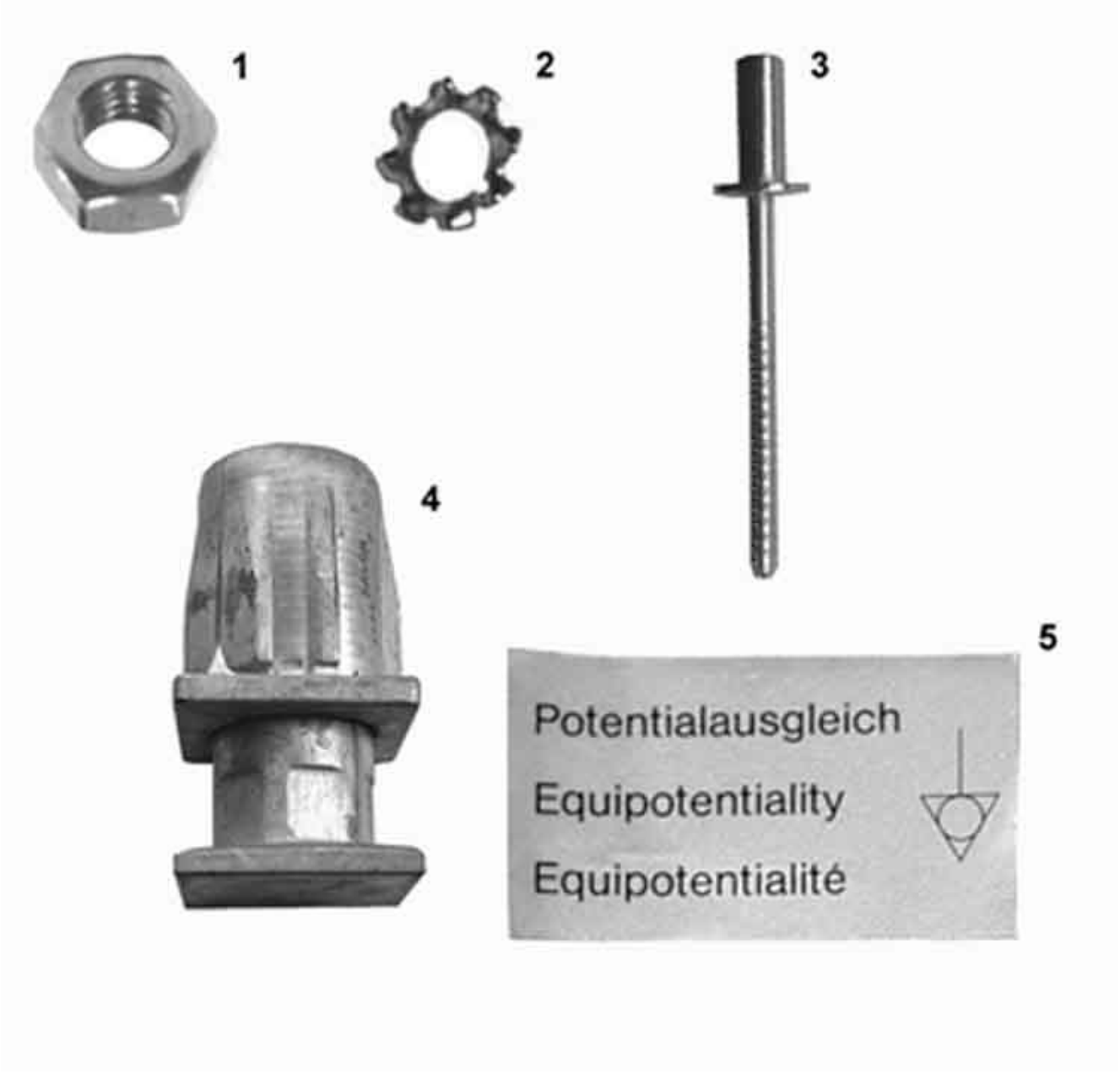
Front panel welded



Front panel welded

Pos.	Part no.	Description	Qty.
1	1107.0104	Star lock ø6	
2	2002.0107	Tension spring for front panel	
3	8464.1307	Opening mechanism for panel insert	

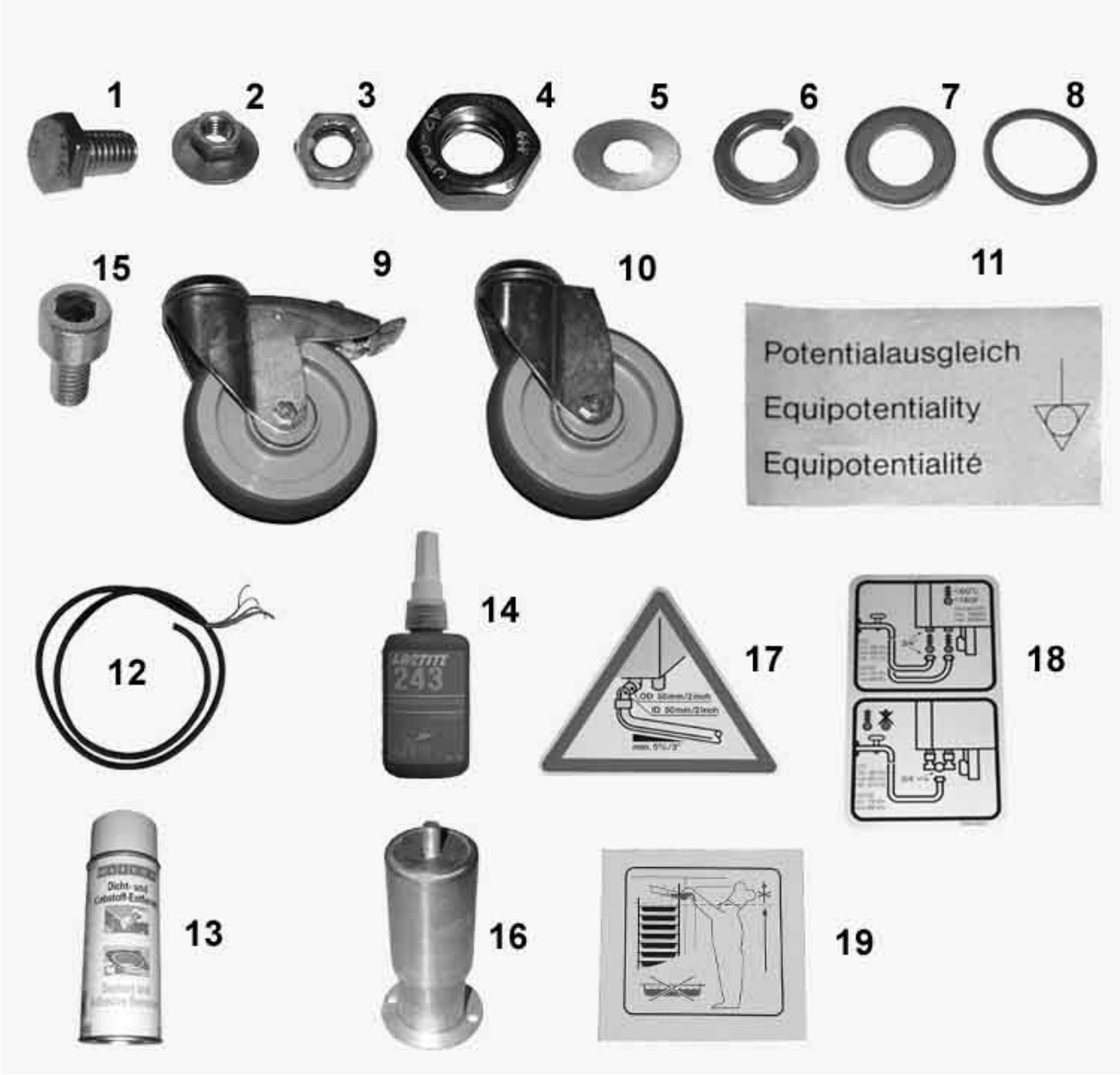
Base frame


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Base frame

Pos.	Part no.	Description	Qty.
1	1106.0160	Hex nut M6	
2	1206.0120	Tooth lock washer A6,4	
3	1604.0165	Rivet 4x9,9	
4	2039.0111	Foot adjustable, metal, 40 x 40	
5	2049.0817	Sticker, Equipotential bonding	

Miscellaneous



Miscellaneous

Pos.	Part no.	Description	Qty.
6	1210.0260	Spring washer B10	
8	1315.0105	Copper washer 10x16x1,5	
9	2005.0603	Castor, 125mm with brake	
10	2005.0604	Castor, 125mm without brake	
13	9006.0800	Adhesive solvent "Weicon"	
17	2049.0433	Sticker Drain connection DN 50	
19	2049.0484	Sticker "Loading heights"	

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