



SPARE PARTS BOOK

HA480



v. 15-11-2024



THE TINTING COMPANY
www.fast-fluid.com

INDEX

Panels7200

Top frame parts 7201

Top panel..... 7202

Door panel..... 7203

Back panel 7204

Operator display 1818275-SP 7205 -A

Operator display 1820239-SP 7205 -B

Frame.....7210

Can table 7213-A

Can table 7213-B

Mechanica.....7220

Gripper, spindle 7221-A

Gripper, spindle 7221-B

Valve motor unit..... 7222

Emergency switch..... 7223

Sub frame.....7230

Brush 7231-A

Brush 7231-B

Brush 7231-C

Table drive motor unit..... 7232-A

Table drive motor unit..... 7232-B

Mid beam 7233

Power module 1818222-SP 7234-A

Power module UL HAxX 1820083-SP 7234-B

Power module HAxX..... 1820013-SP 7234-C

Power module UL HAxX 1820083-SP 7234-D

Canister plates 7235

Canisters	7240
2L,SST can,1ex,SST agit	1814147-SP 7241
3L,SST can,1ex,SST agit	1863215-SP 7242
6L,SST can,1ex,SST agit	1863216-SP 7243
10L,SST can,1ex,SST agit	1810599-SP 7244
2L,SST can,1ex,POM agit	1814988-SP 7245
3L,SST can,1ex,POM agit	1809888-SP 7246
6L,SST can,1ex,POM agit	1810596-SP 7247
2L,POM can,1ex,POM agit	1865010-SP 7248-A
2L,POM can,1ex,POM agit	1865918-SP 7248-B
3L,POM can,1ex,POM agit	1865011-SP 7249-A
3L,POM can,1ex,POM agit	1865919-SP 7249-B
6L,POM can,1ex,POM agit	1865012-SP 7250-A
6L,POM can,1ex,POM agit	1865920-SP 7250-B
 Pumps and tubes.....	 7260
Pump,ballvalve,100ml	1818238-SP 7261
Pump,ballvalve, 55ml, Sample	1818612-SP 7263
Pump,ballvalve, 100ml hybrid	1830356-SP 7264
Pump,ballvalve, 100ml high performance	1820345-SP 7265
Pump,ballvalve, 29ml, Sample	1819671-SP 7266
 Punch.....	7271-B
 Heating module.....	 1865765 7275

Sample brush 7277
Sample brush container 7278
Sample brush float..... 7279

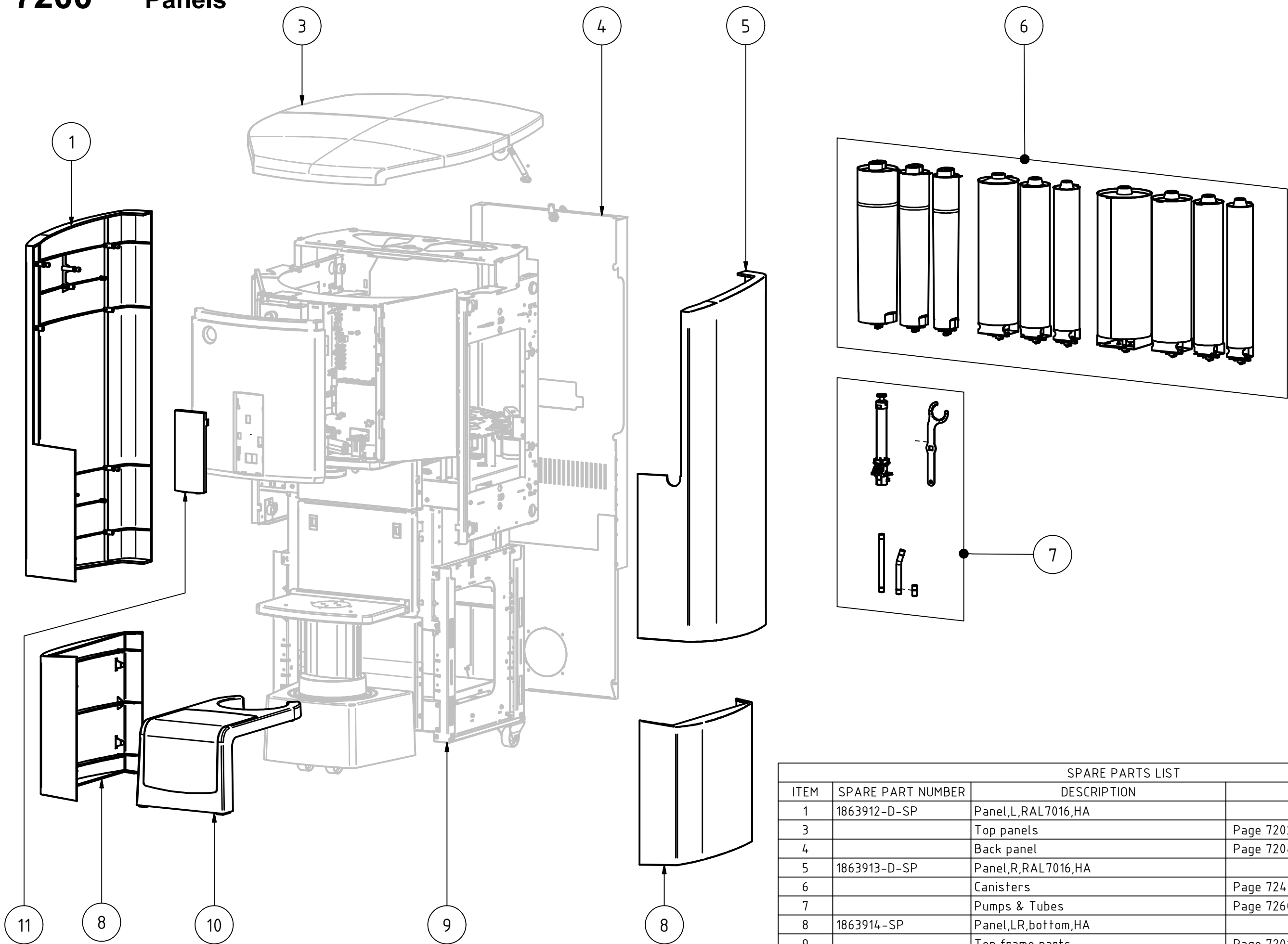
Can Positioning Light 7280
Sample bearing plate, valve motor 7281

Spray conditioning 7282
Tank, Spray control 7282-1
Spray unit pre-assembly 7282-2
Spray adapter,95 7282-3
Spray adapter,129 7282-4
Spray support parts 7282-5
Spray controlbox module 7282-6

UVC Conditioning 7283
Lid assy,Can,DIA81,UVC 7283-1
Lid assy,Can,DIA95,UVC 7283-2
Lid assy,Can,DIA129,UVC 7283-3
UVC support parts 7283-4
HAXX Powermodule,UVC 7283-5
Central hub assy 7283-6

7200

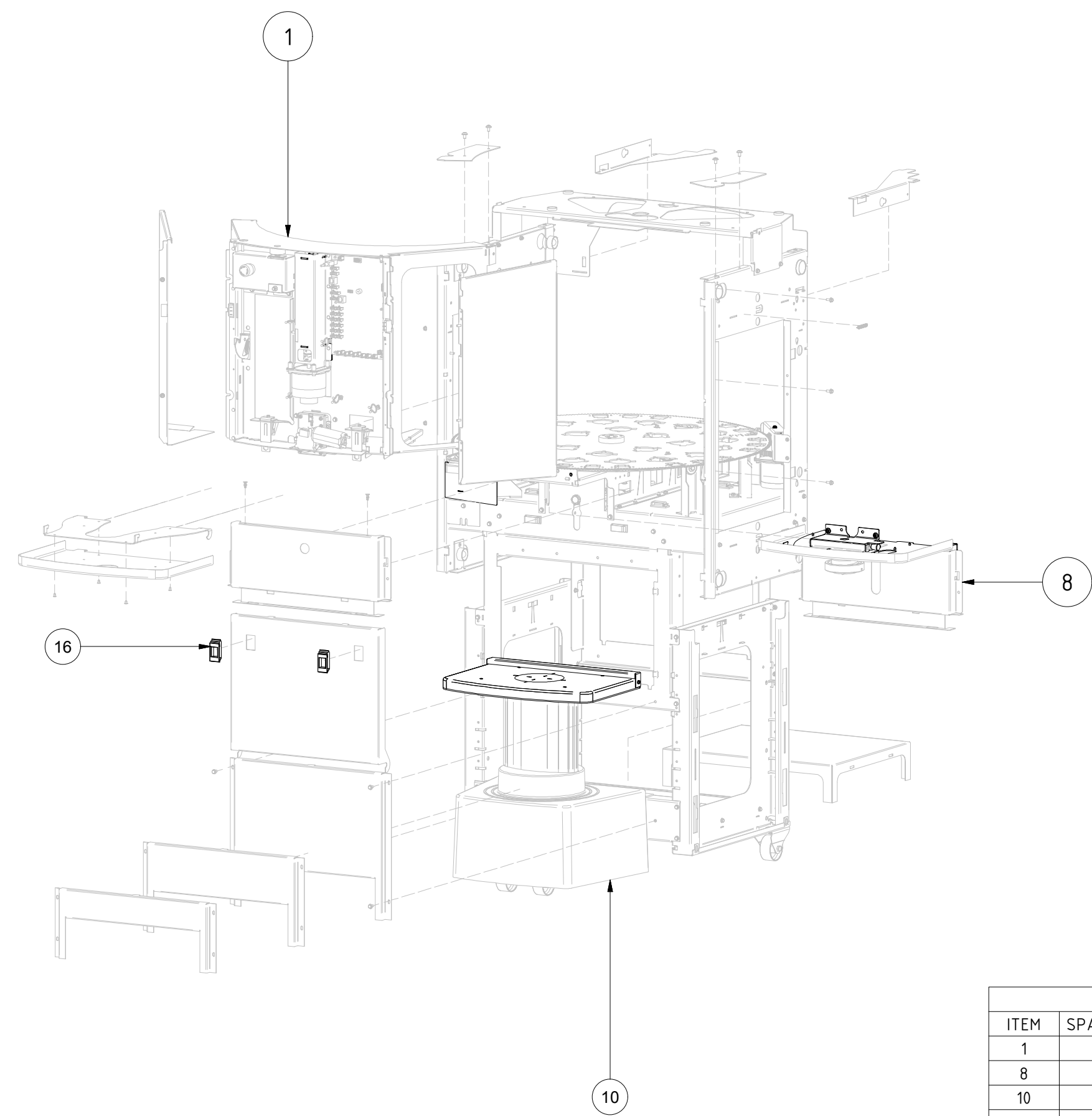
Panels



SPARE PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1863912-D-SP	Panel,L,RAL7016,HA	
3		Top panels	Page 7202
4		Back panel	Page 7204
5	1863913-D-SP	Panel,R,RAL7016,HA	
6		Canisters	Page 7240
7		Pumps & Tubes	Page 7260
8	1863914-SP	Panel,L,R,bottom,HA	
9		Top frame parts	Page 7201
10	1864480-SP	Step,HA	
11	1818275-SP	Operator display complete	Page 7205

7201

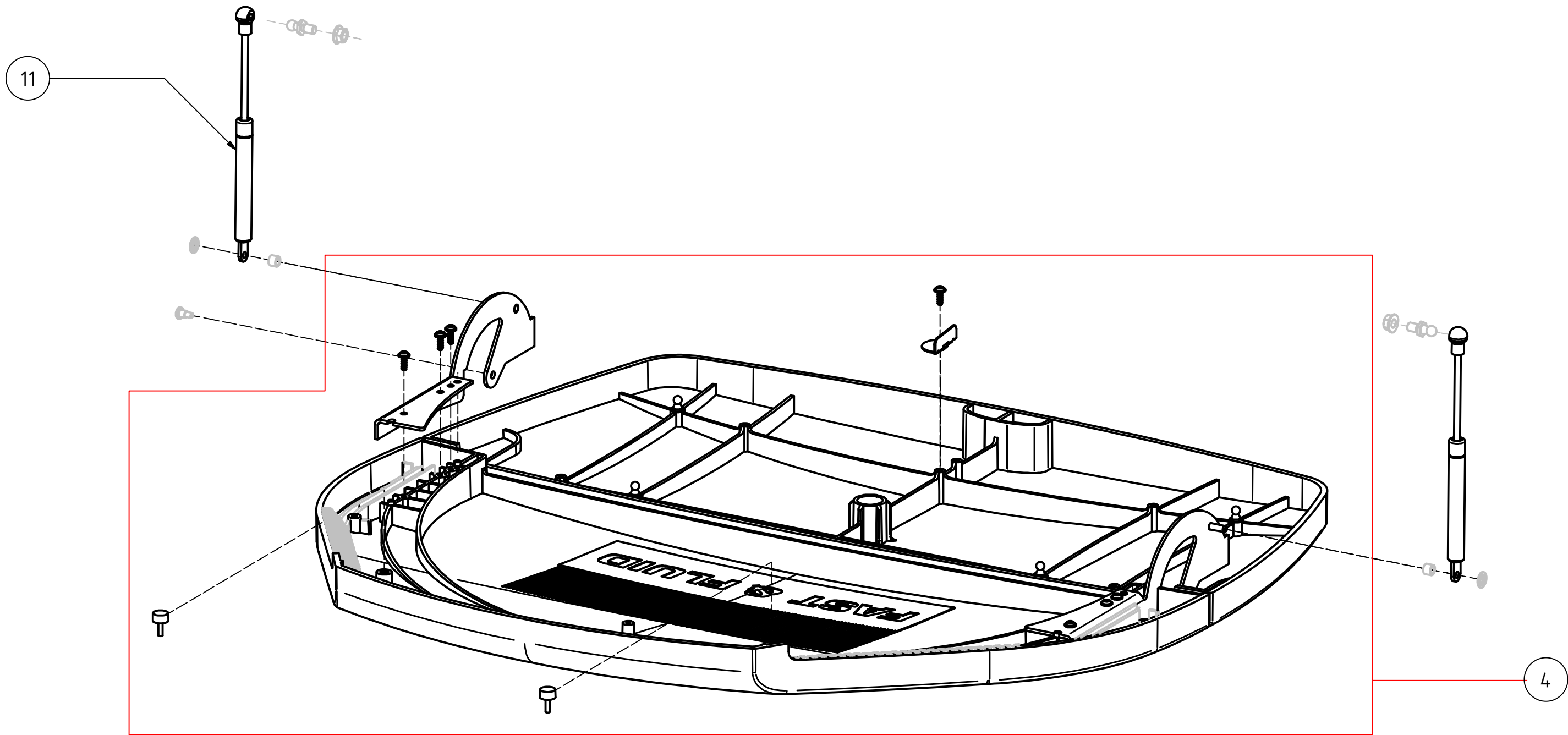
Top frame parts



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1		Mechanica	Page 7220
8		Punch	Page 7271-B
10		Frame	Page 7210
16	1862332-SP	Latch,slide,40-525, 2 pcs	

7202

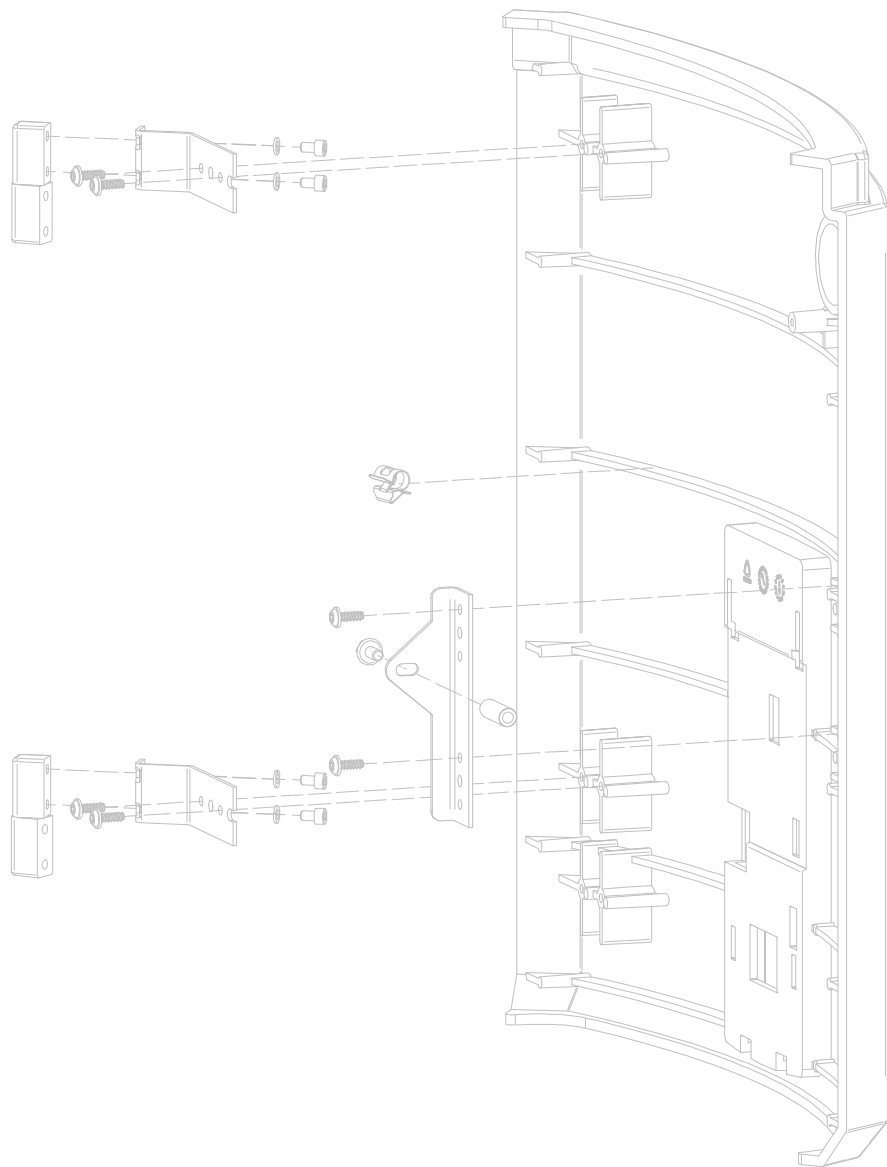
Top panel



SPARE PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
4	1865611-SP	Top cover set, RAL7016	
11	1814.025-SP	Gas-spring,50N,0849RX,2pcs	

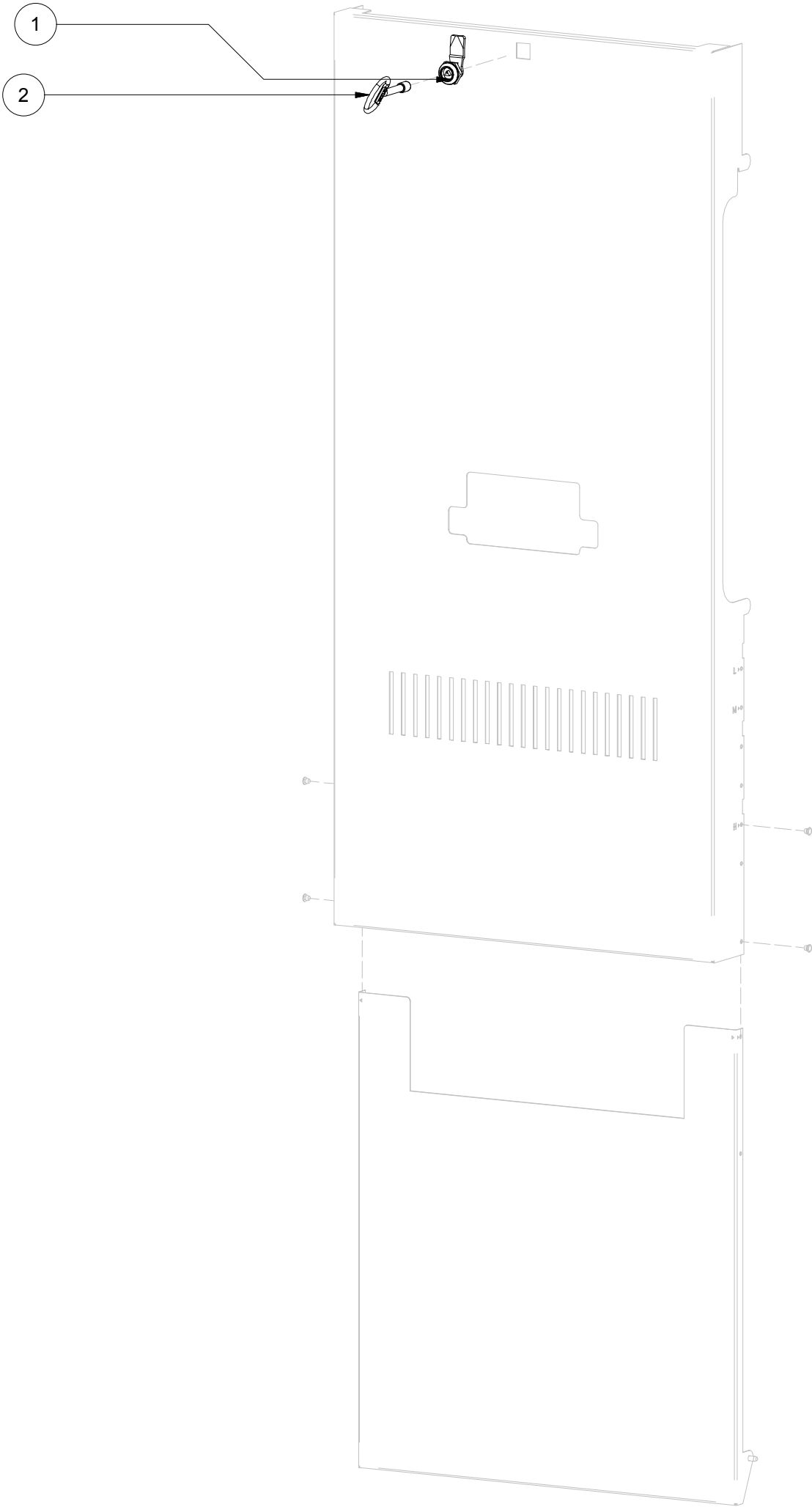
7203

Door panel



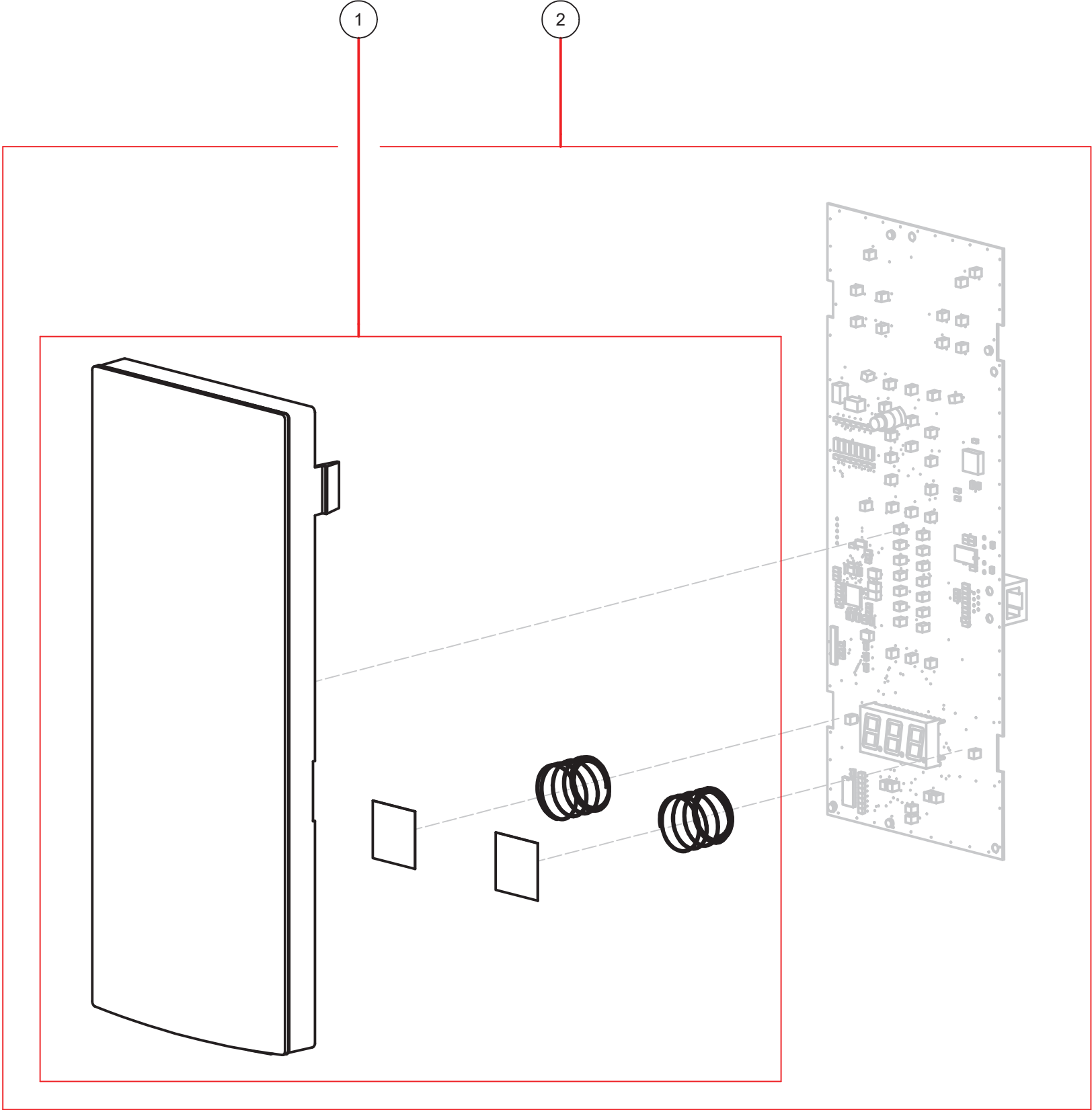
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS

Back panel



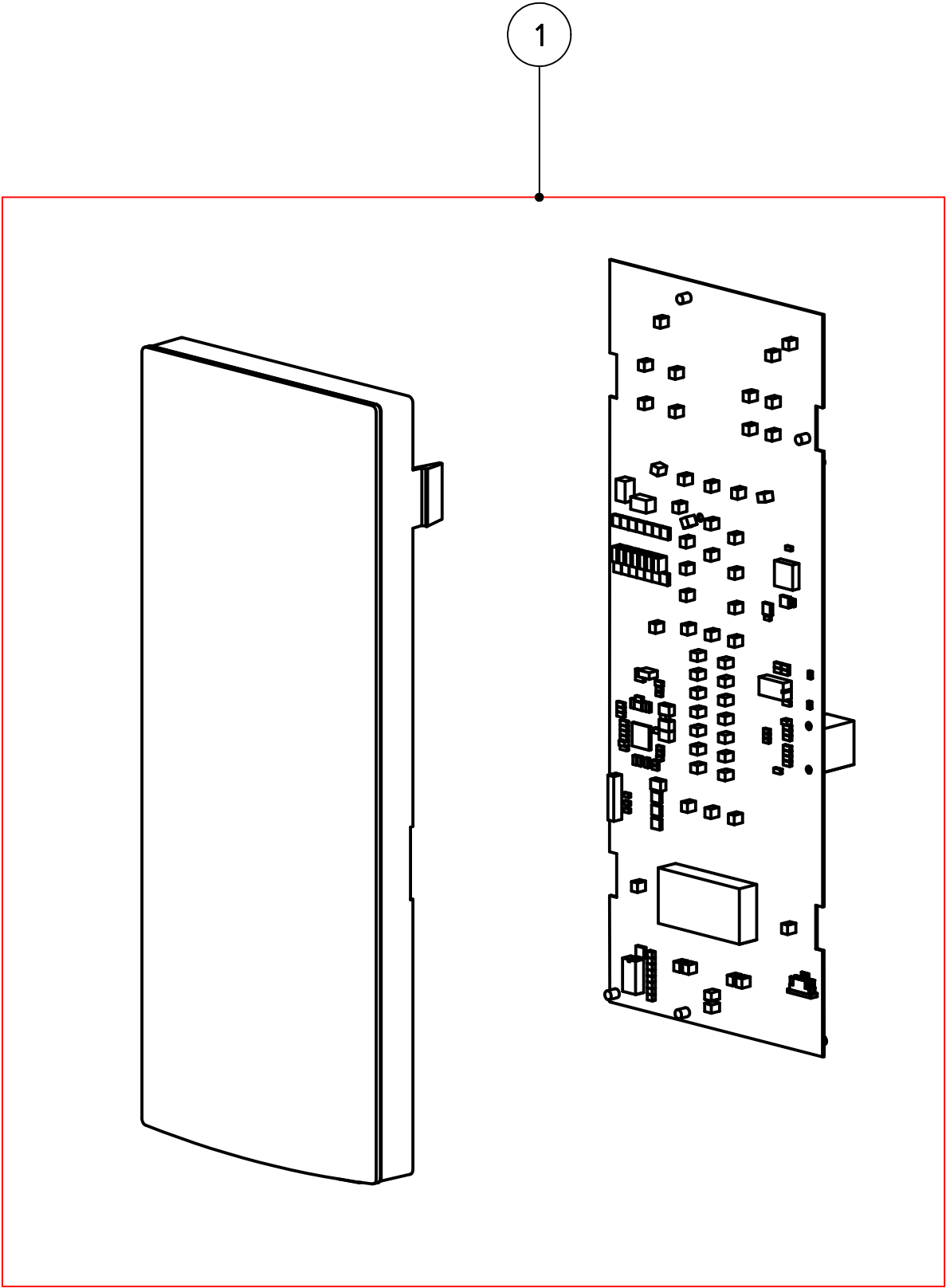
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1862860-SP	Quad,panel,latc	
2	1111010-SP	Key,triangle	

7205-A Operator display 1818275 -SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1818272-SP	Operator,display with spacer	
2	1818275-SP	Operator display complete	

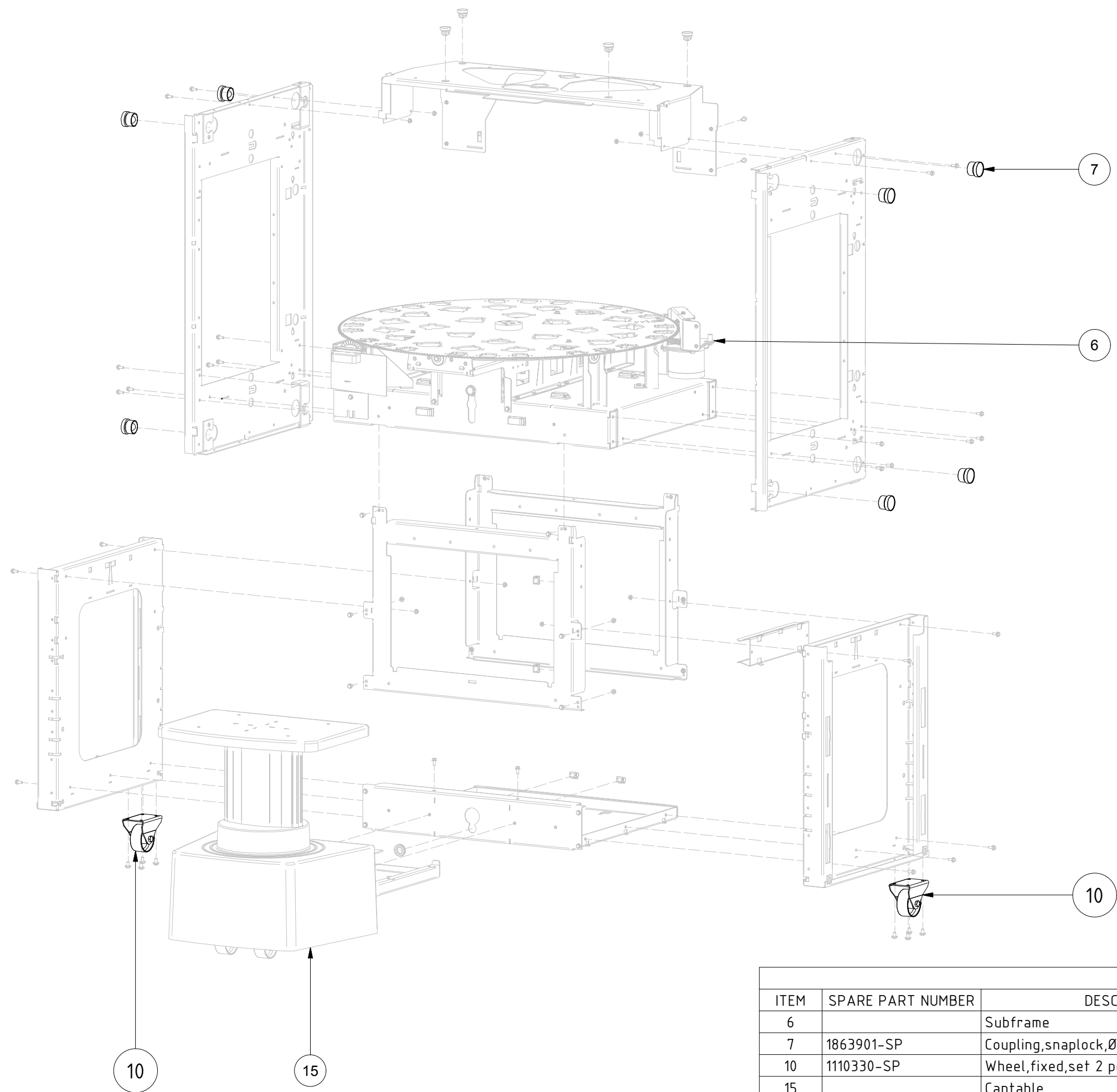
7205-B Operator display 1820239-SP



PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QTY
1	1820239-SP	Operator,Display,Module,V2		1

7210

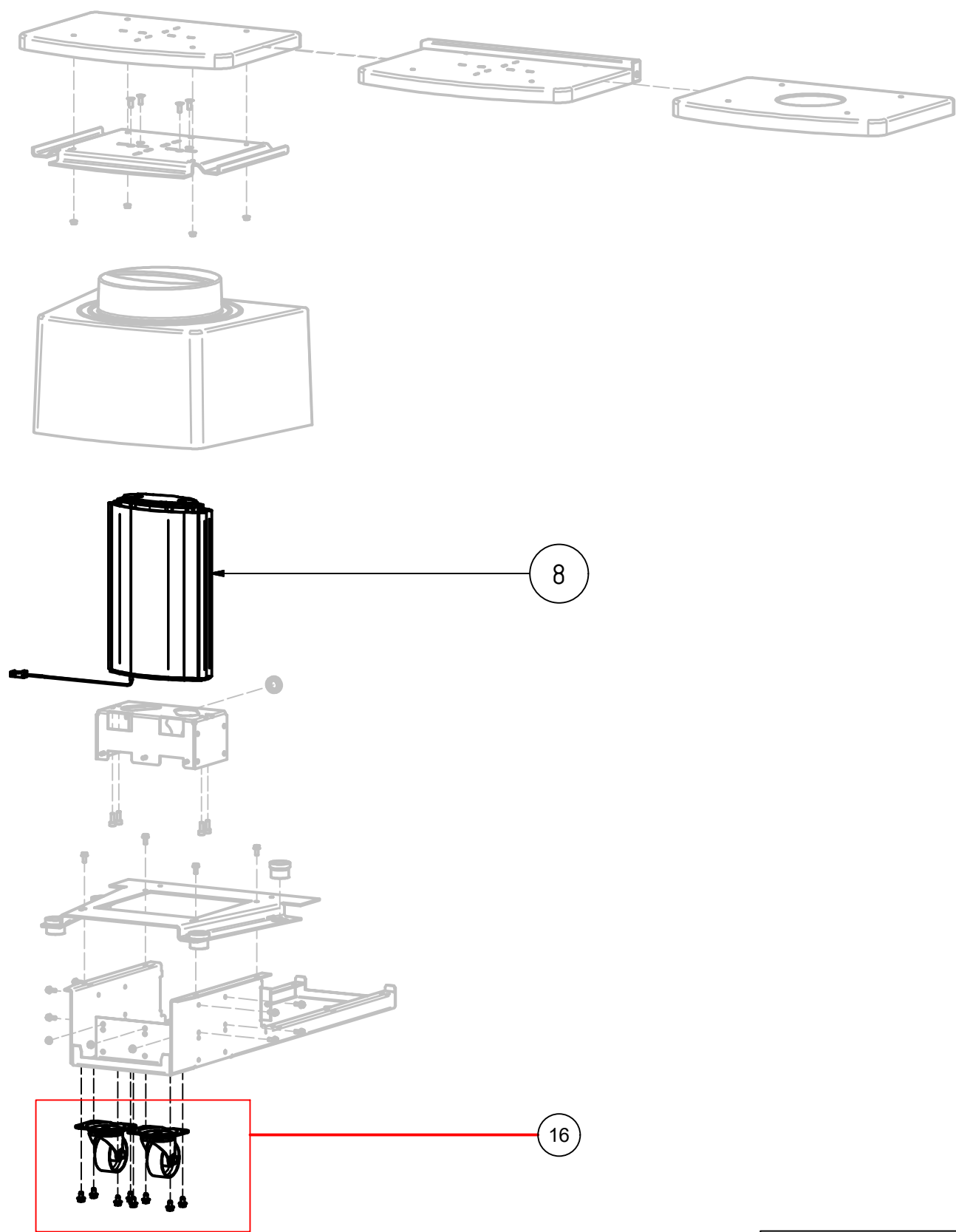
Frame



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
6		Subframe	Page 7230
7	1863901-SP	Coupling,snaplock,Ø15,black,4x	
10	1110330-SP	Wheel,fixed,set 2 pcs	
15		Cantable	Page 7213

7213-A Can table

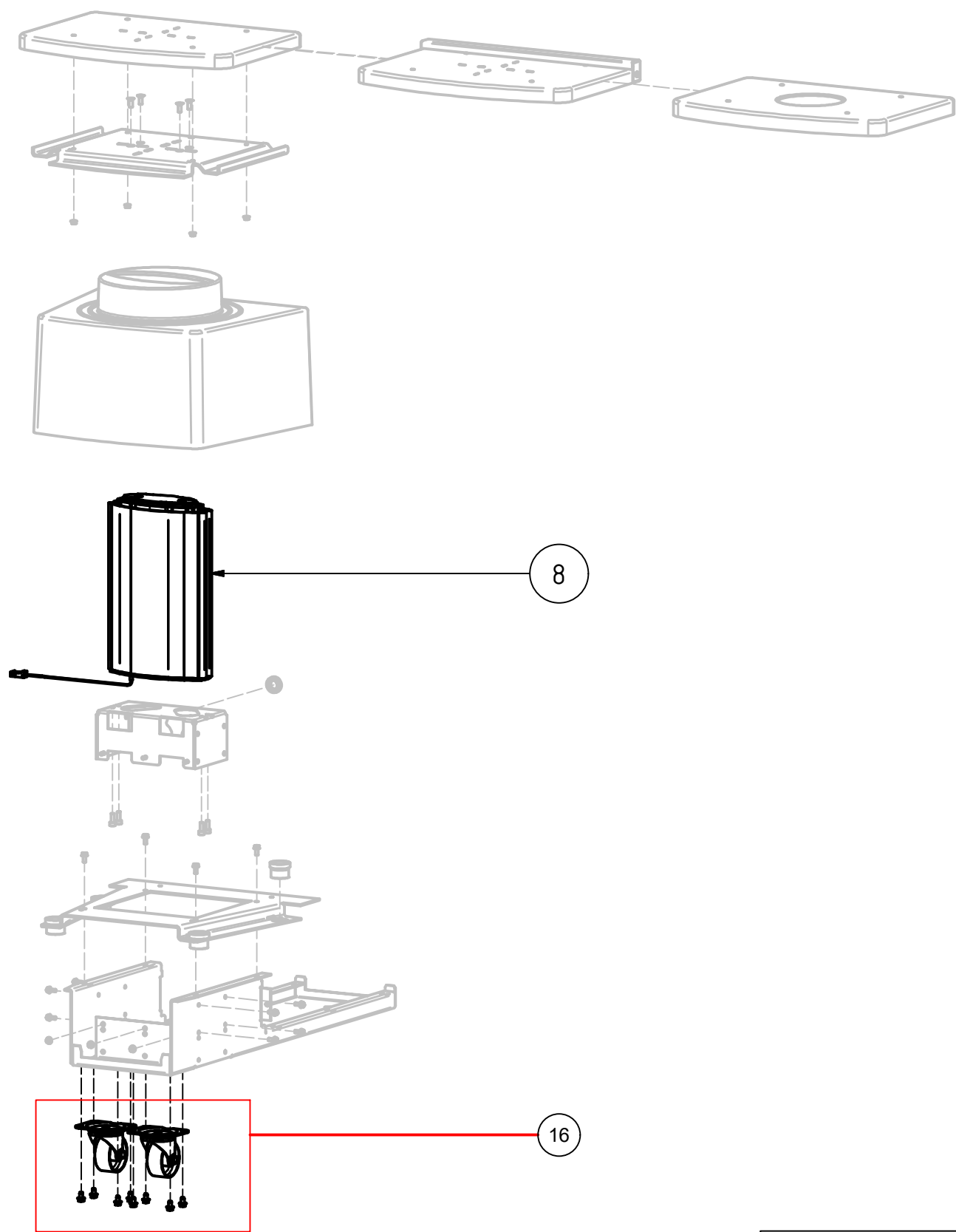
Up to W13, 2018, S.N. 1049071



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
8	1862015-SP	Actuator, cantable + screws,8x	
16	1110340-SP	Wheel,swiveling,set 4 pcs	

7213-B Can table

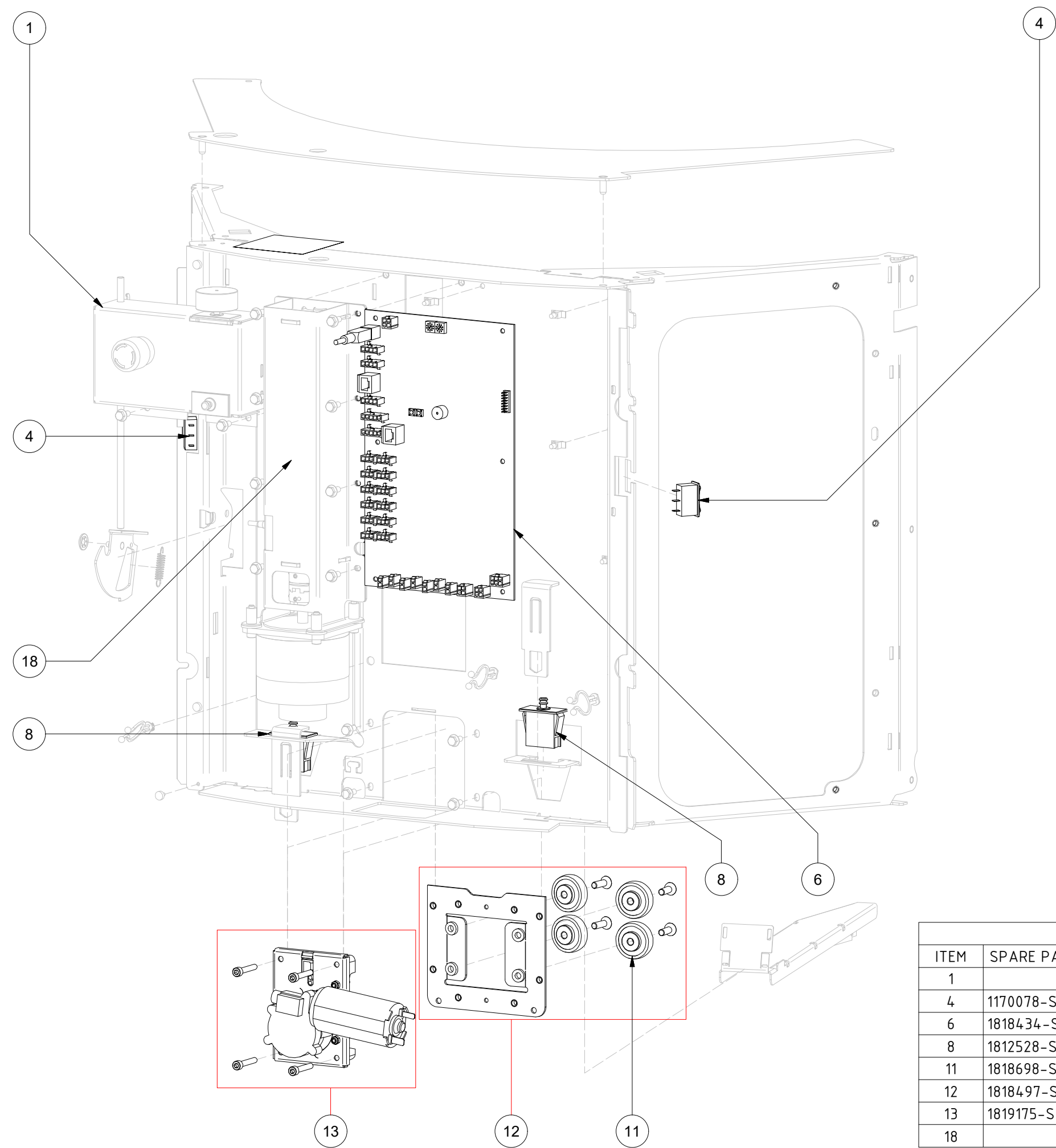
From W13, 2018, S.N. 1049072



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
8	1865600-SP	Actuator, cantable + screws,8x	
16	1110340-SP	Wheel,swiveling,set 4 pcs	

7220

Mechanica

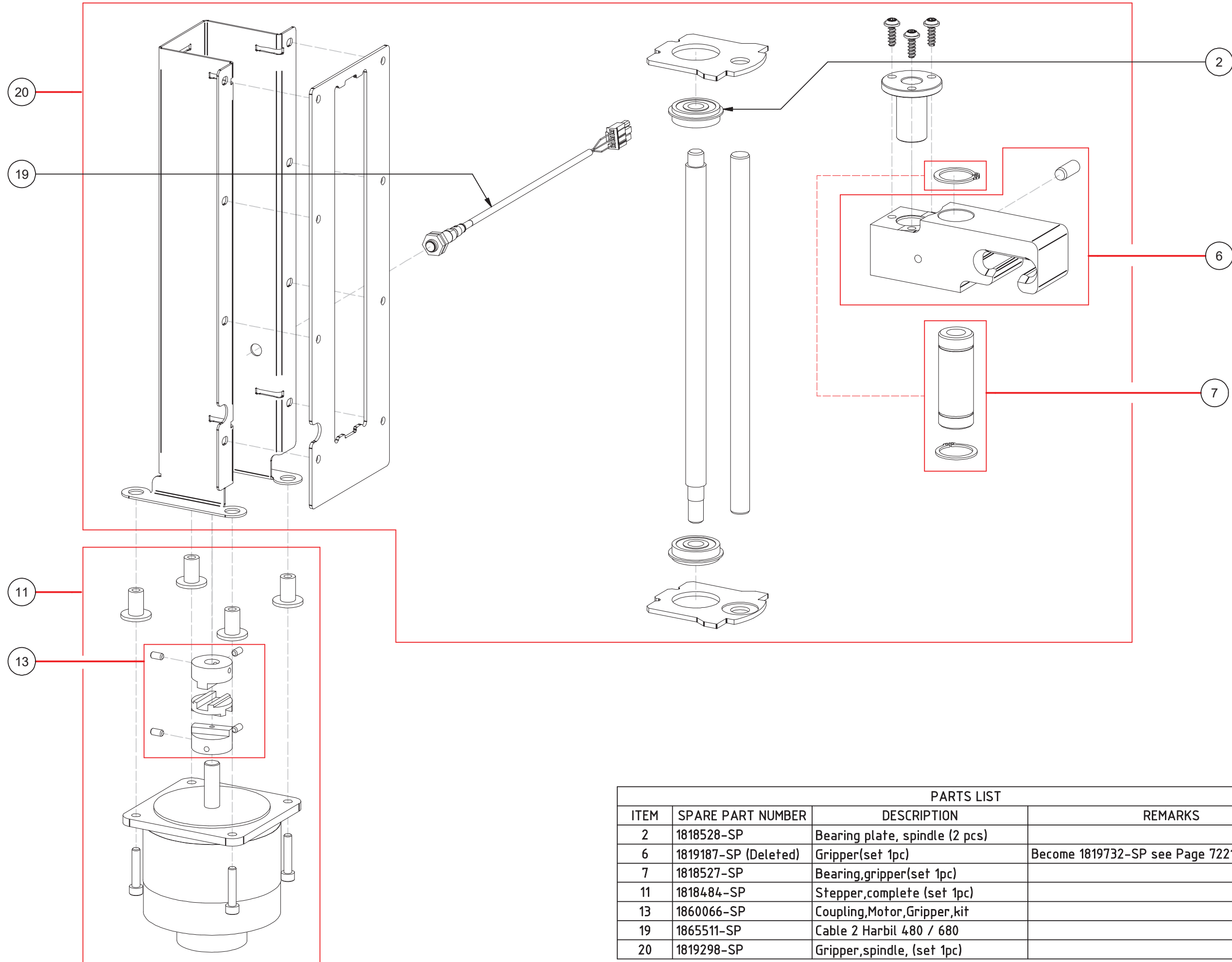


PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1		Emergency switch	Page 7223
4	1170078-SP	Switch,up/down,single,6A,250V	Part of cable harness 1865743
6	1818434-SP	Controlboard,v5	
8	1812528-SP	Switch,D2D 1100	Part of cable harness 1865743
11	1818698-SP	Wheel,asymmetric,35mm(set 4pcs)	
12	1818497-SP	Bearings,turntable(set 1pc)	For special sample bracket see Page 7281
13	1819175-SP	Valve unit compl.NGH(set 1pc)	Page 7222
18		Gripper,spindle	Page 7221

7221-A

Gripper,spindle

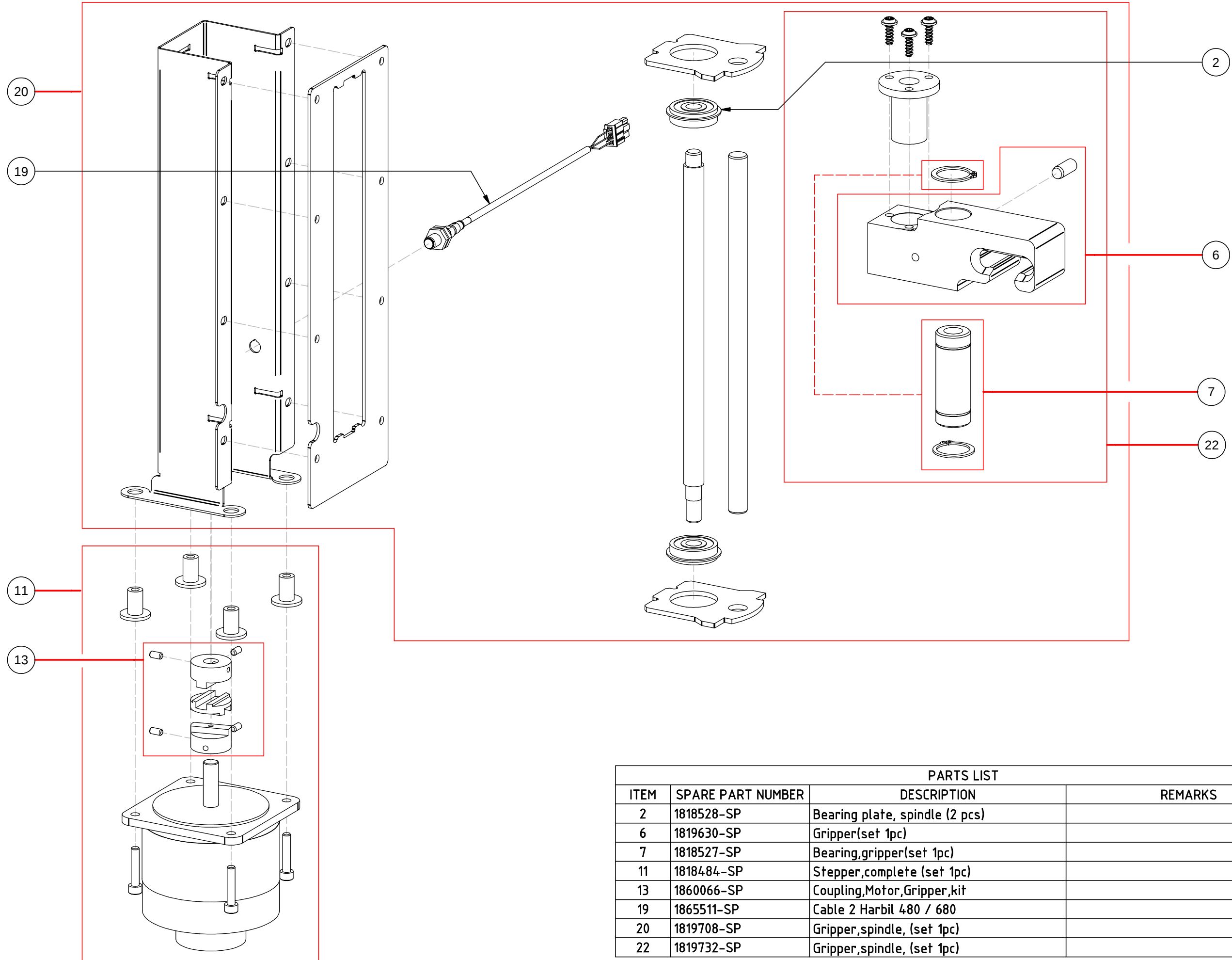
From W5 2018,S.N.1042982 up to W26 2018,S.N.1055332



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
2	1818528-SP	Bearing plate, spindle (2 pcs)	
6	1819187-SP (Deleted)	Gripper(set 1pc)	Become 1819732-SP see Page 7221-B pos 22
7	1818527-SP	Bearing,gripper(set 1pc)	
11	1818484-SP	Stepper,complete (set 1pc)	
13	1860066-SP	Coupling,Motor,Gripper,kit	
19	1865511-SP	Cable 2 Harbil 480 / 680	
20	1819298-SP	Gripper,spindle, (set 1pc)	

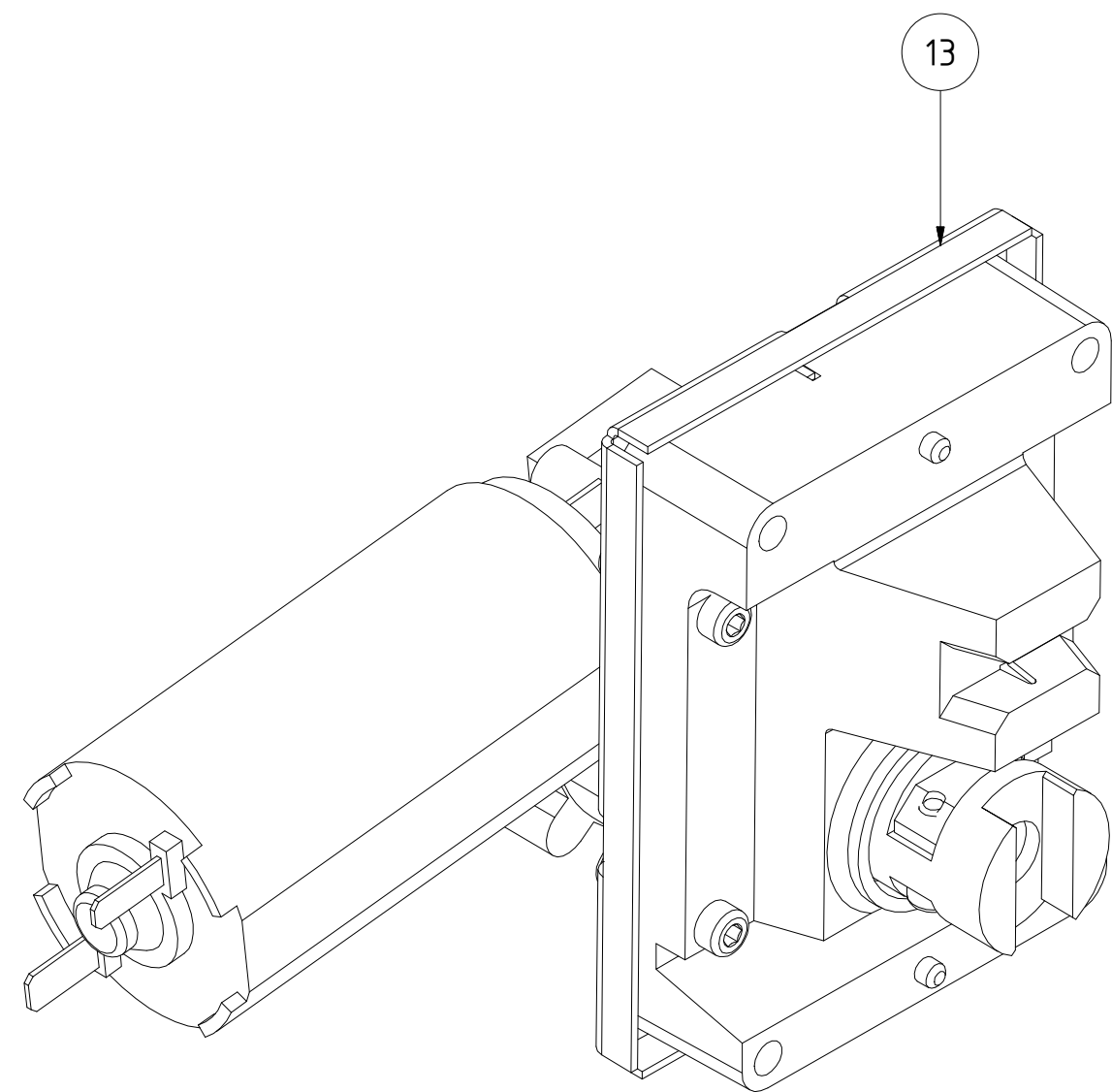
7221-B Gripper,spindle

From W26 2018,S.N.1055333



7222

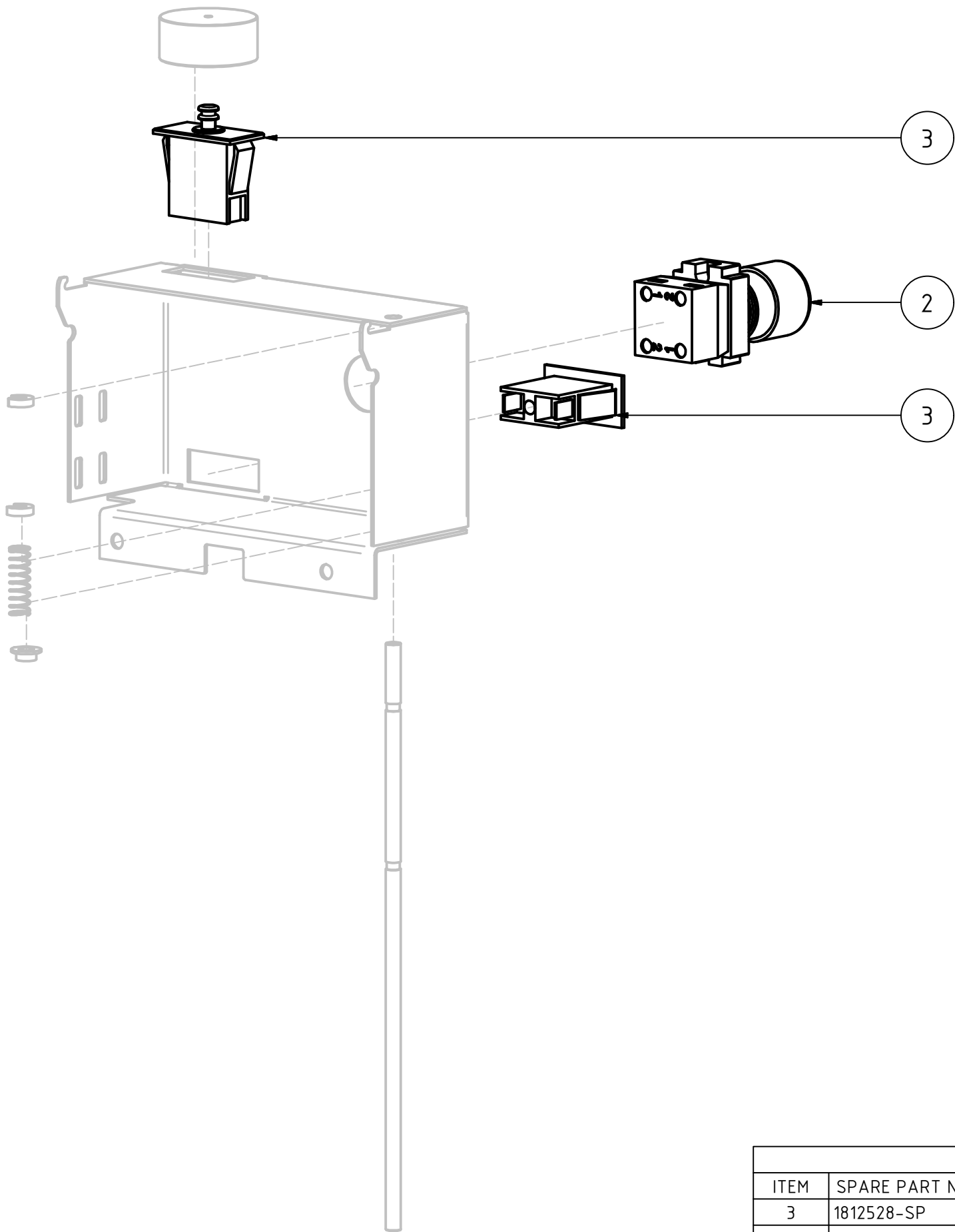
Valve motor unit 1819175-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
13	1819175-SP	Valve unit complete (set 1pc)	

7223

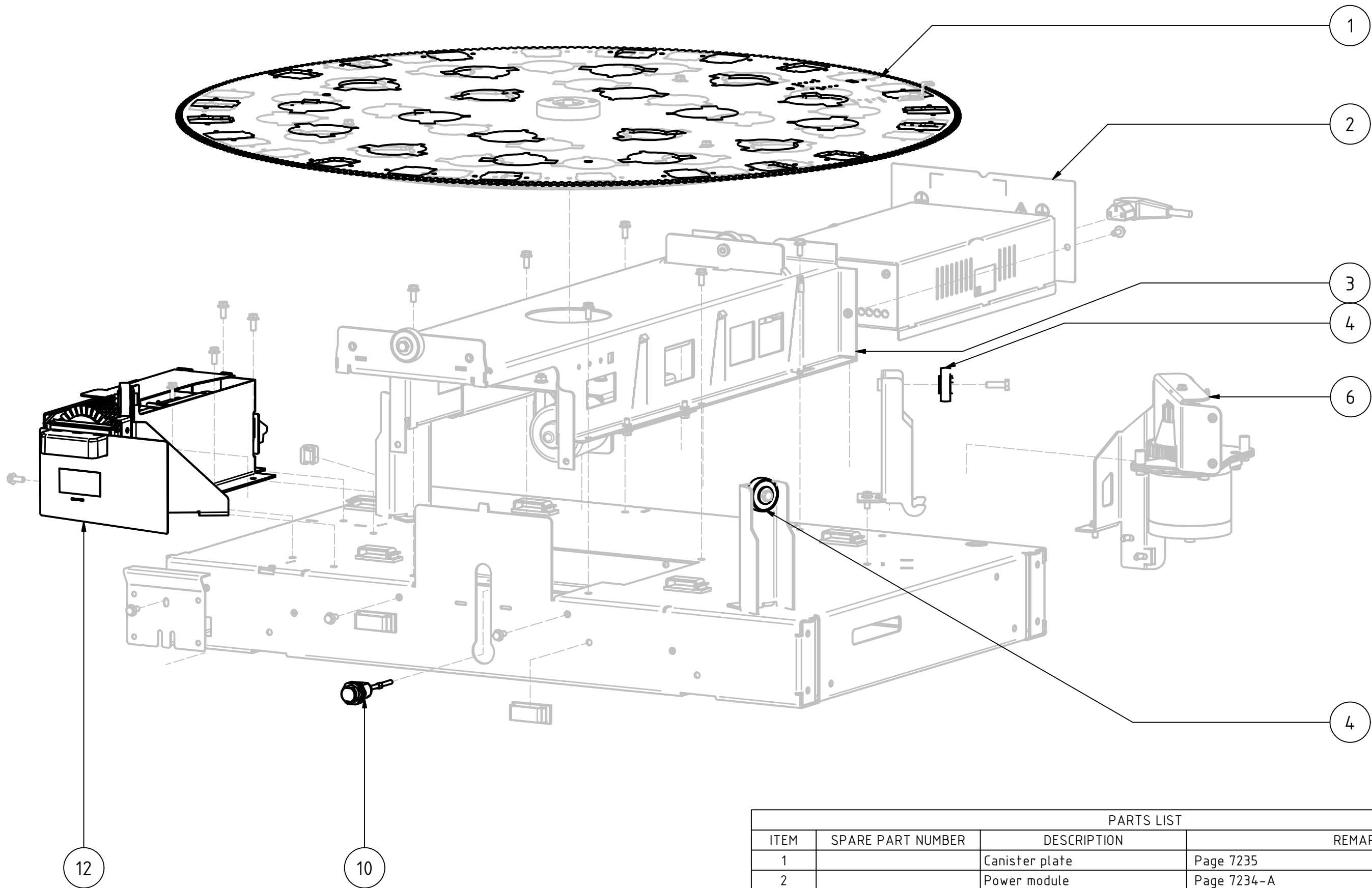
Emergency switch



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
3	1812528-SP	Switch,D2D 1100	Part of cable harness 1865743
2	1864937-SP	Emergency,switch,complete	Part of cable harness 1865743
2	1817356-SP	EM-switch,assembly	UL approved models only

7230

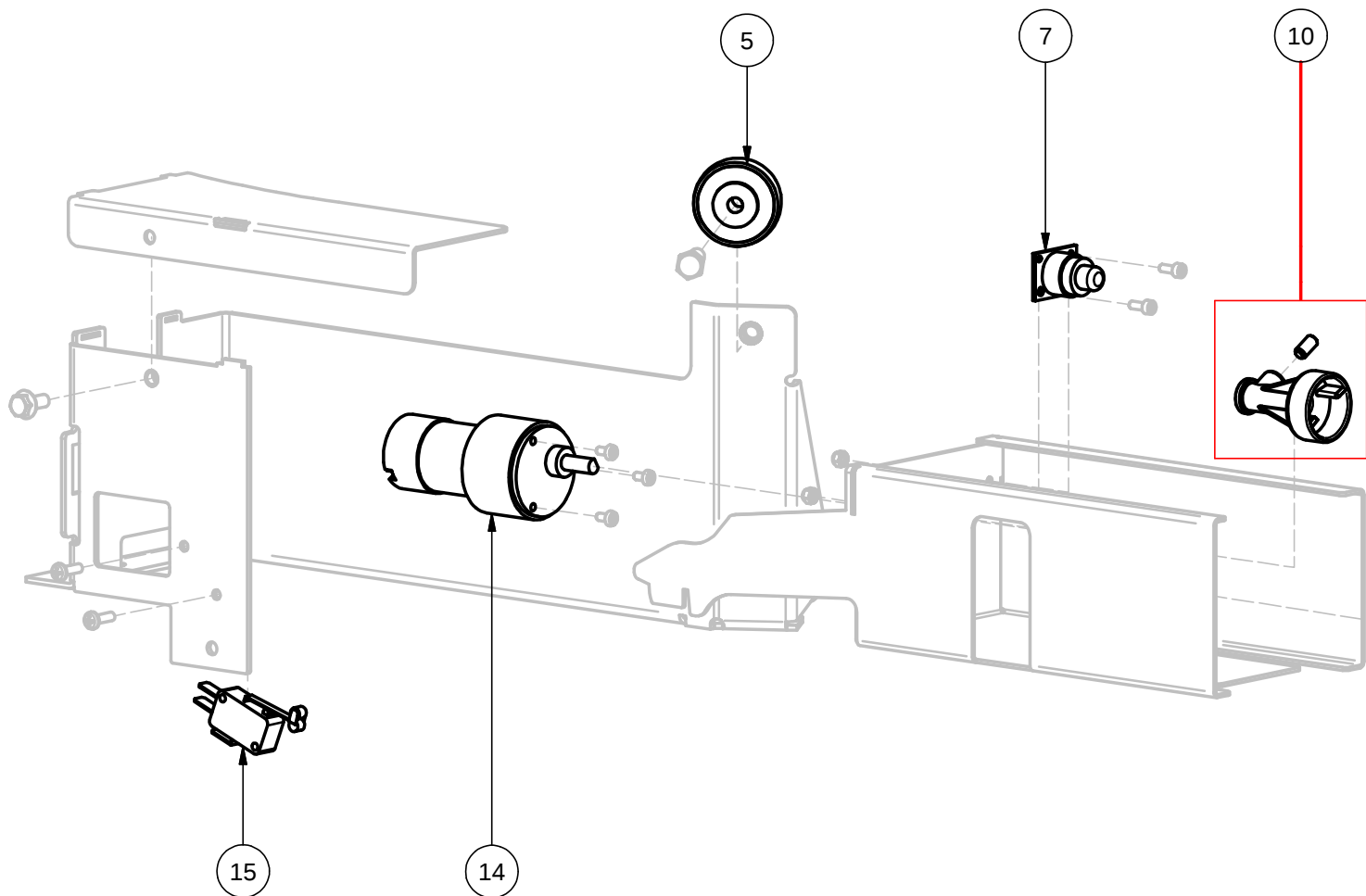
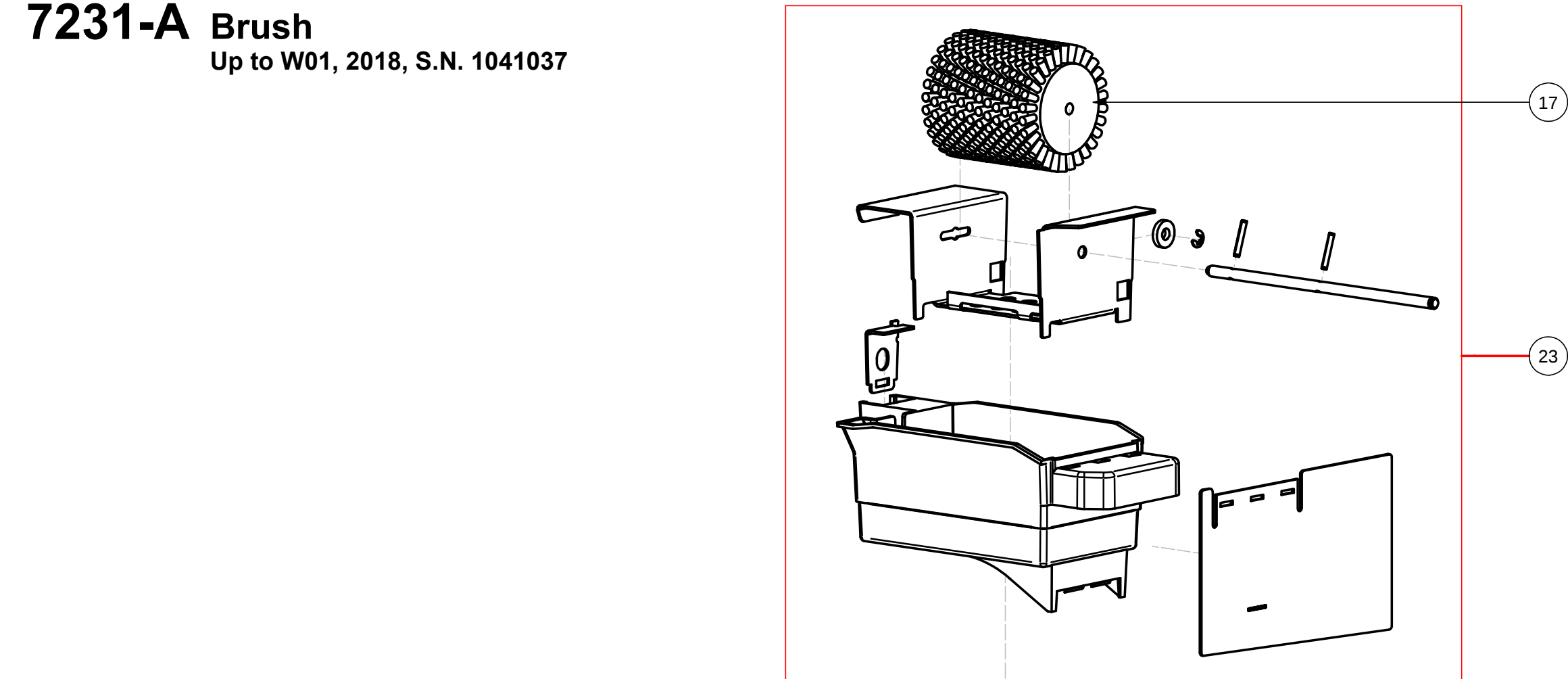
Subframe



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1		Canister plate	Page 7235
2		Power module	Page 7234-A
3		Midbeam	Page 7233
4	1862422-SP	Wheel, traversing, centric, 35mm	
6	1819173-SP	Table drive (set 1pc)	Page 7232
10	1865510-SP	Sensor 1, HA	
10	1865788-SP	Sensor 1, Short range, HAx80	
12		Brush	Page 7231-B Brush, for sample brush see Page 7277

7231-A Brush

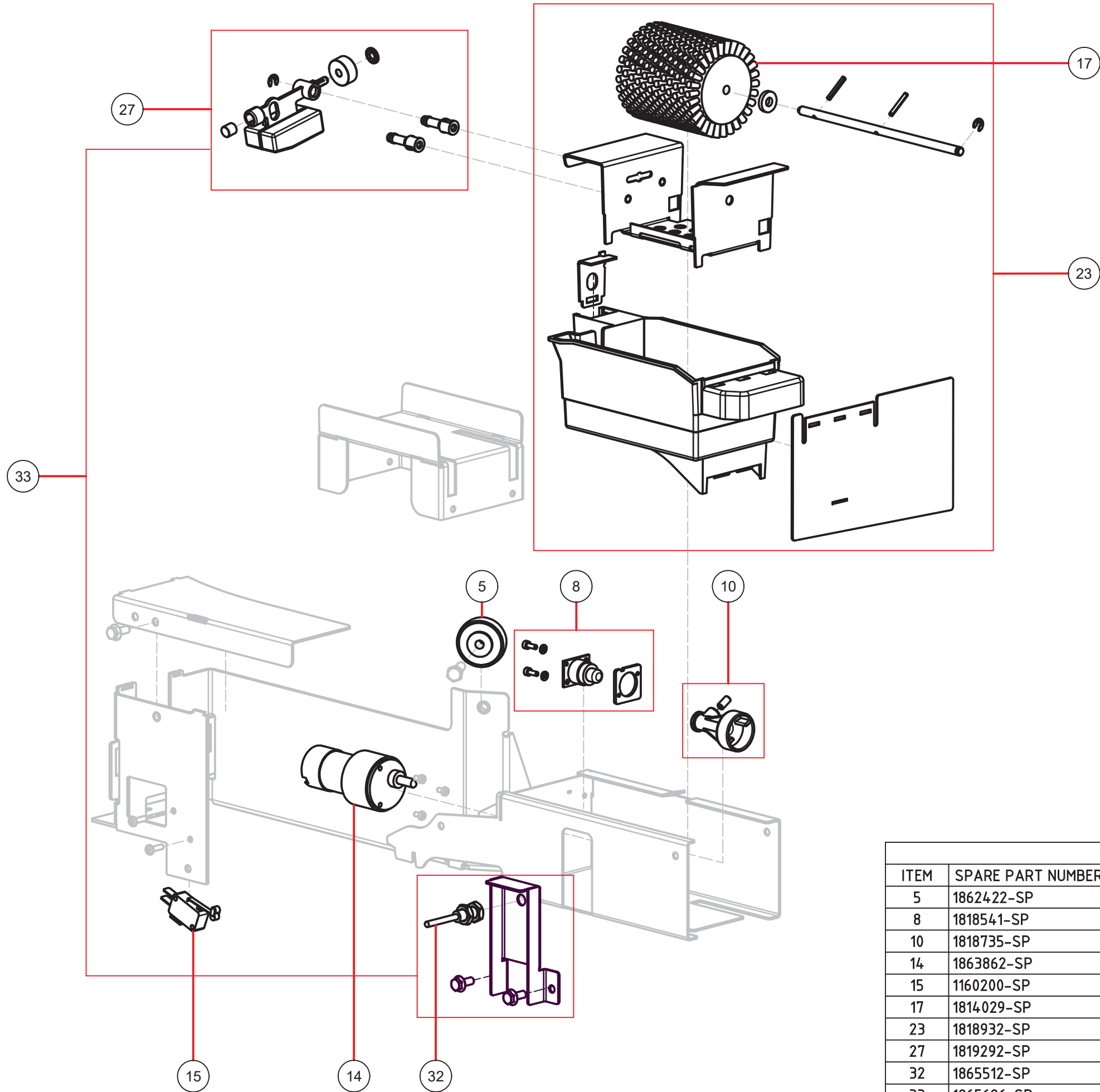
Up to W01, 2018, S.N. 1041037



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
5	1862422-SP	Wheel, traversing, centric, 35mm	
7	1818541-SP	Latch, push-in/out	
10	1818735-SP	Coupling, fork, brush (set 1pc)	
14	1863862-SP	Motor micro, brush	
15	1160200-SP	Switch, micro, V-166-105(R)	
17	1814029-SP	Brush, D70x78.3	
23	1818932-SP	Brush, container, compl. (set 1pc)	
6			

7231-B Brush

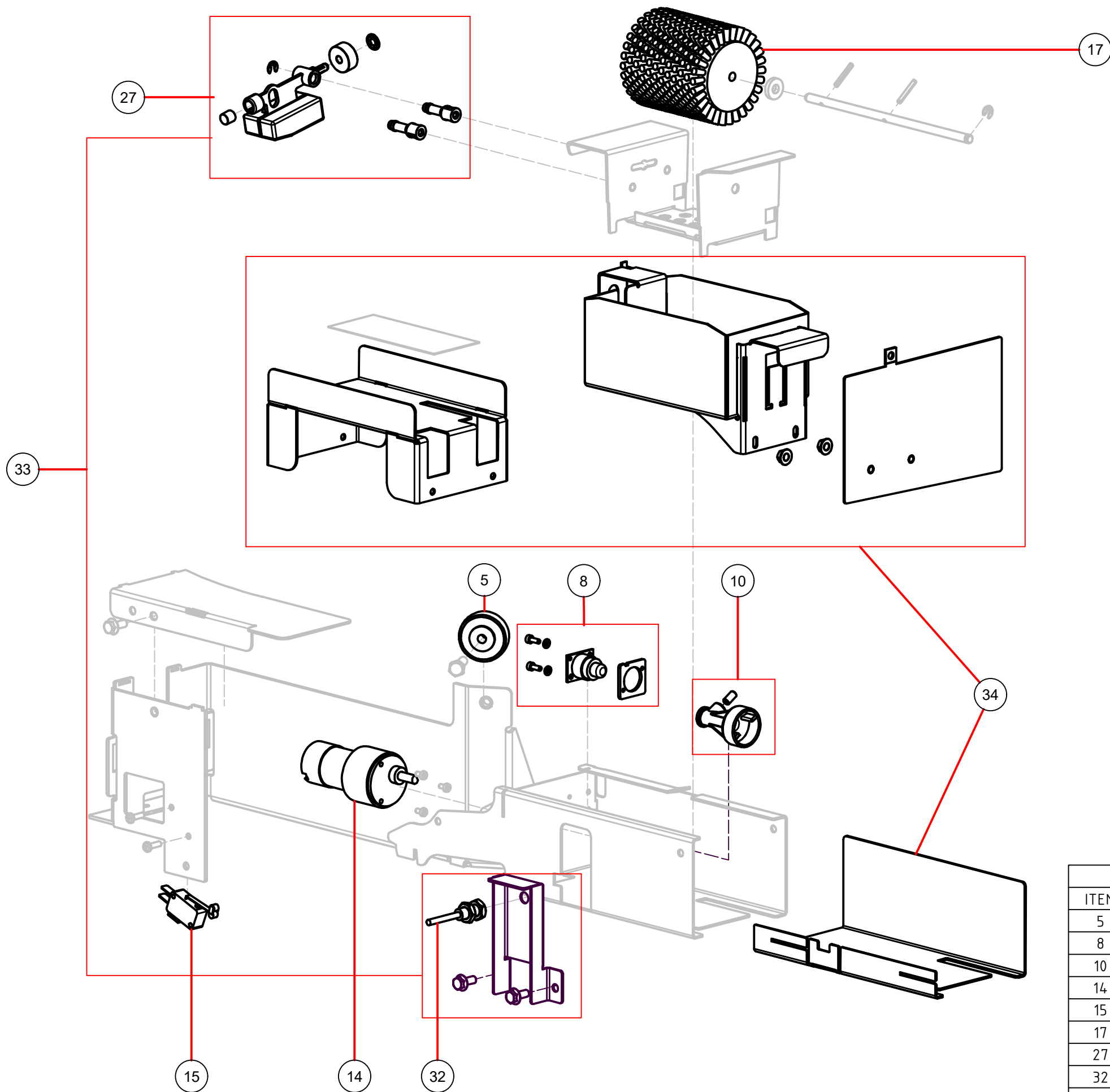
From W01, 2018, S.N. 1041038



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
5	1862422-SP	Wheel, traversing, centric, 35mm	
8	1818541-SP	Latch, push-in/out	
10	1818735-SP	Coupling, fork, brush (set 1pc)	
14	1863862-SP	Motor micro, brush	
15	1160200-SP	Switch, micro, V-166-105(R)	
17	1814029-SP	Brush, D70x78.3	
23	1818932-SP	Brush, container, compl. (set 1pc)	
27	1819292-SP	Float, level, brush	OPTIONAL
32	1865512-SP	Cable 9 brushlevel	OPTIONAL
33	1865626-SP	Brush monitor kit	OPTIONAL

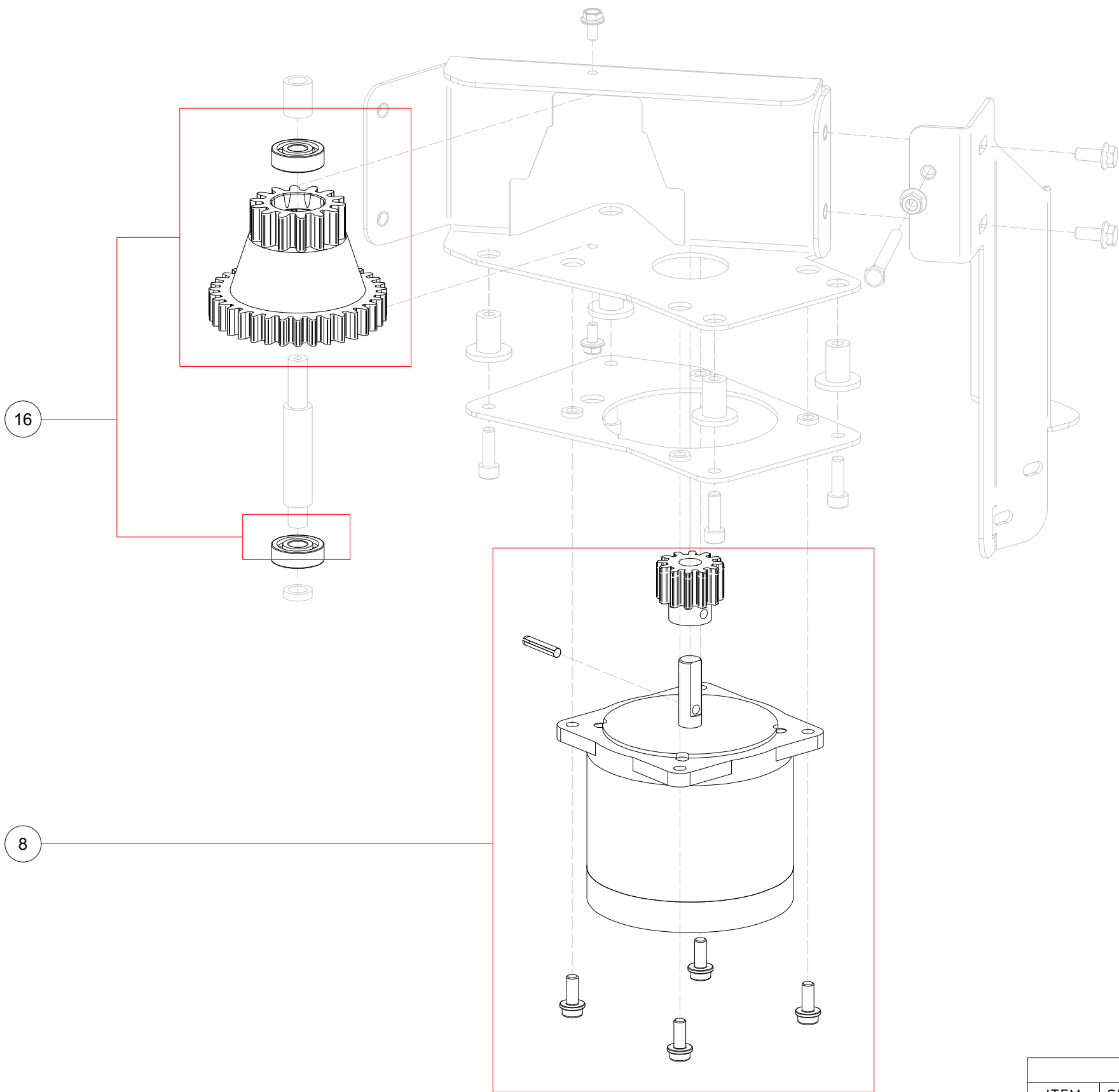
7231-C SST Brush

From W01, 2018, S.N. 1041038



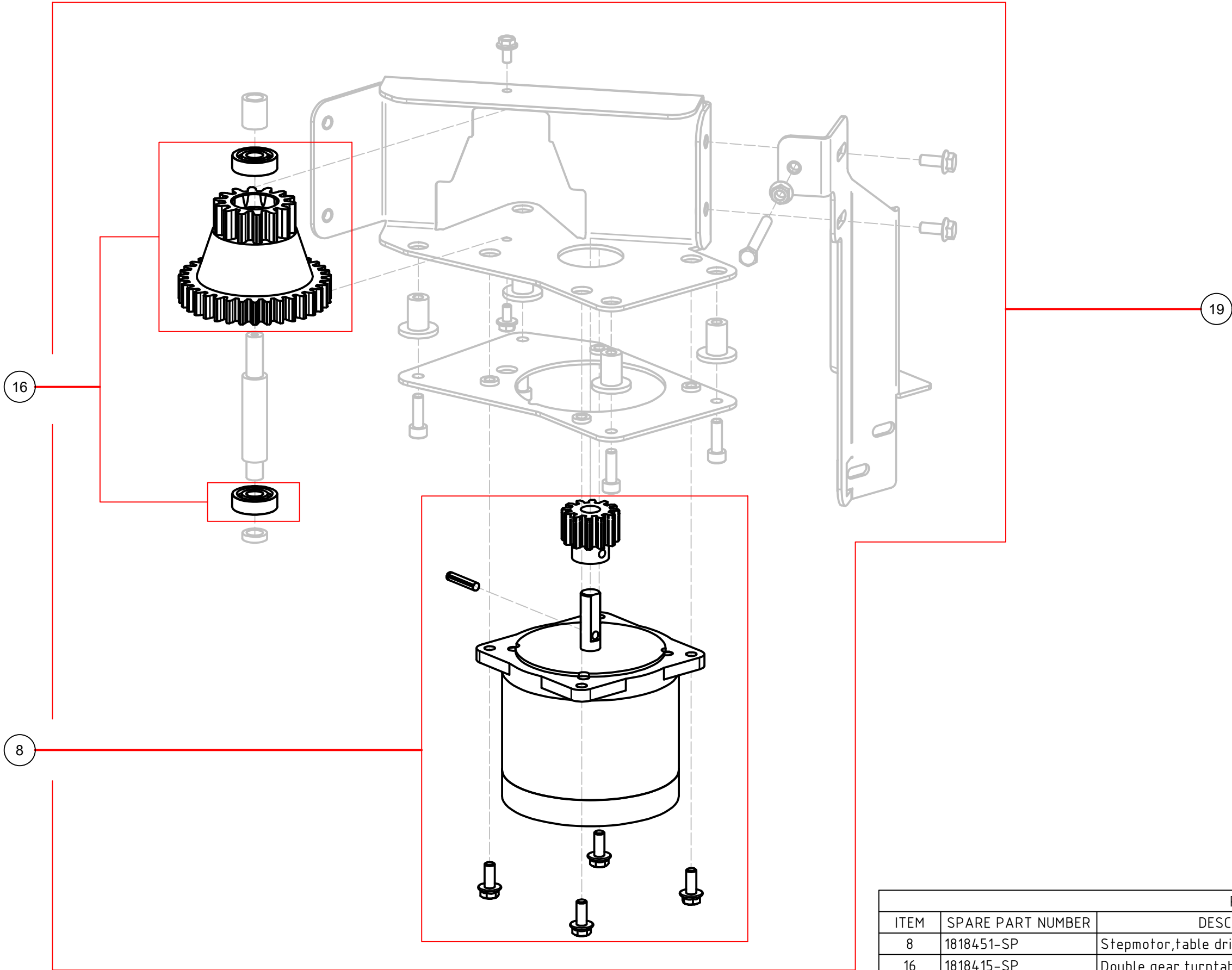
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
5	1862422-SP	Wheel, traversing, centric, 35mm	
8	1818541-SP	Latch, push-in/out	
10	1818735-SP	Coupling, fork, brush(set 1pc)	
14	1863862-SP	Motor micro, brush	
15	1160200-SP	Switch, micro, V-166-105(R)	
17	1814029-SP	Brush, D70x78.3	
27	1819292-SP	Float, level, brush	OPTIONAL
32	1865512-SP	Cable 9 brushlevel	OPTIONAL
33	1865626-SP	Brush monitor kit	OPTIONAL
34	1865954-SP	Brush container SST, retrofit	

7232-A Table drive motor unit 1819173-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
8	1818451-SP	Steptomor,table drive incl.gear	
16	1818415-SP	Double gear,turntable(set 1pc)	

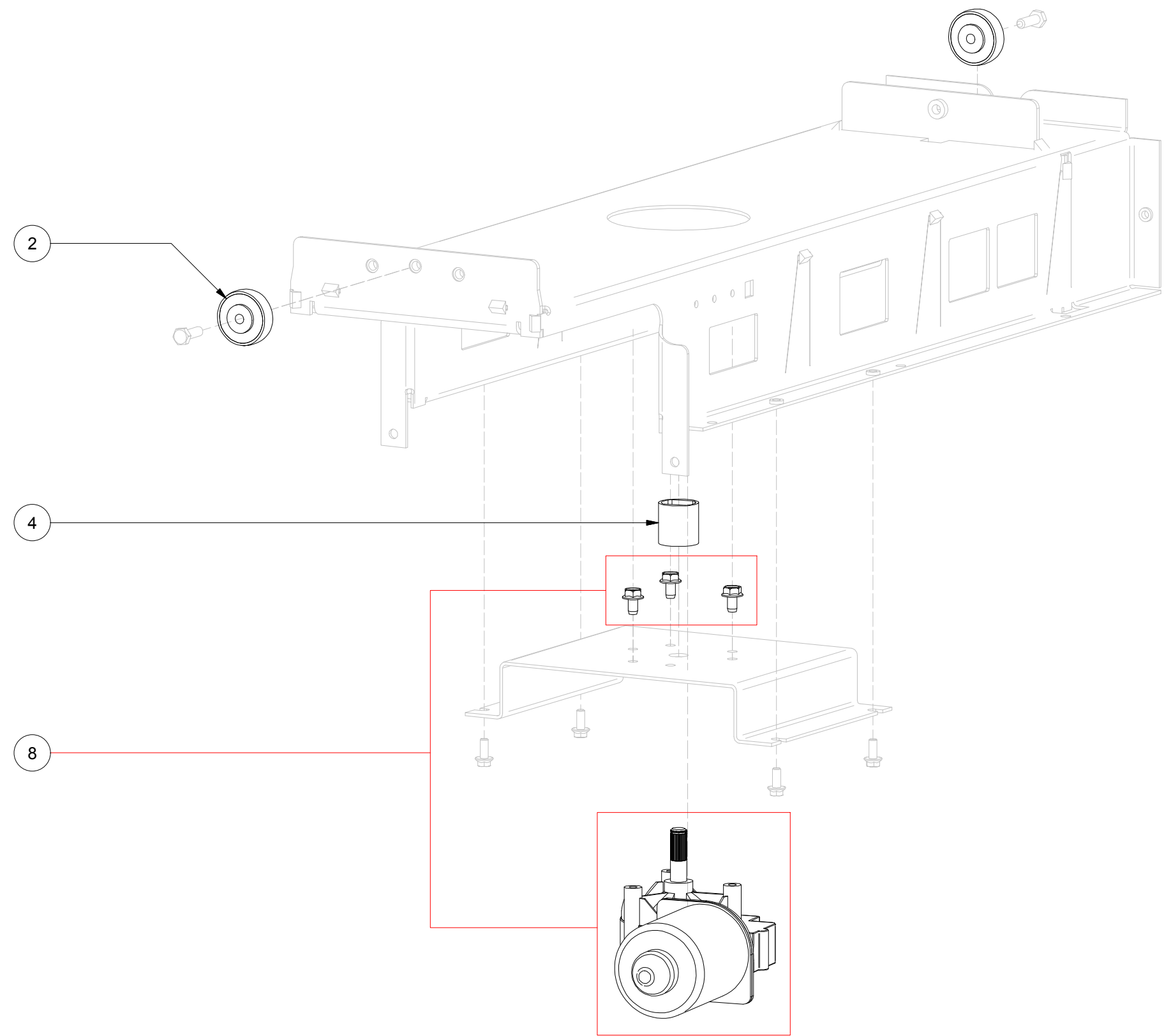
7232-B Table drive motor unit 1819173-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
8	1818451-SP	Stepmotor,table drive incl.gear	
16	1818415-SP	Double gear,turntable(set 1pc)	
19	1819173-SP	Table drive (set 1pc)	

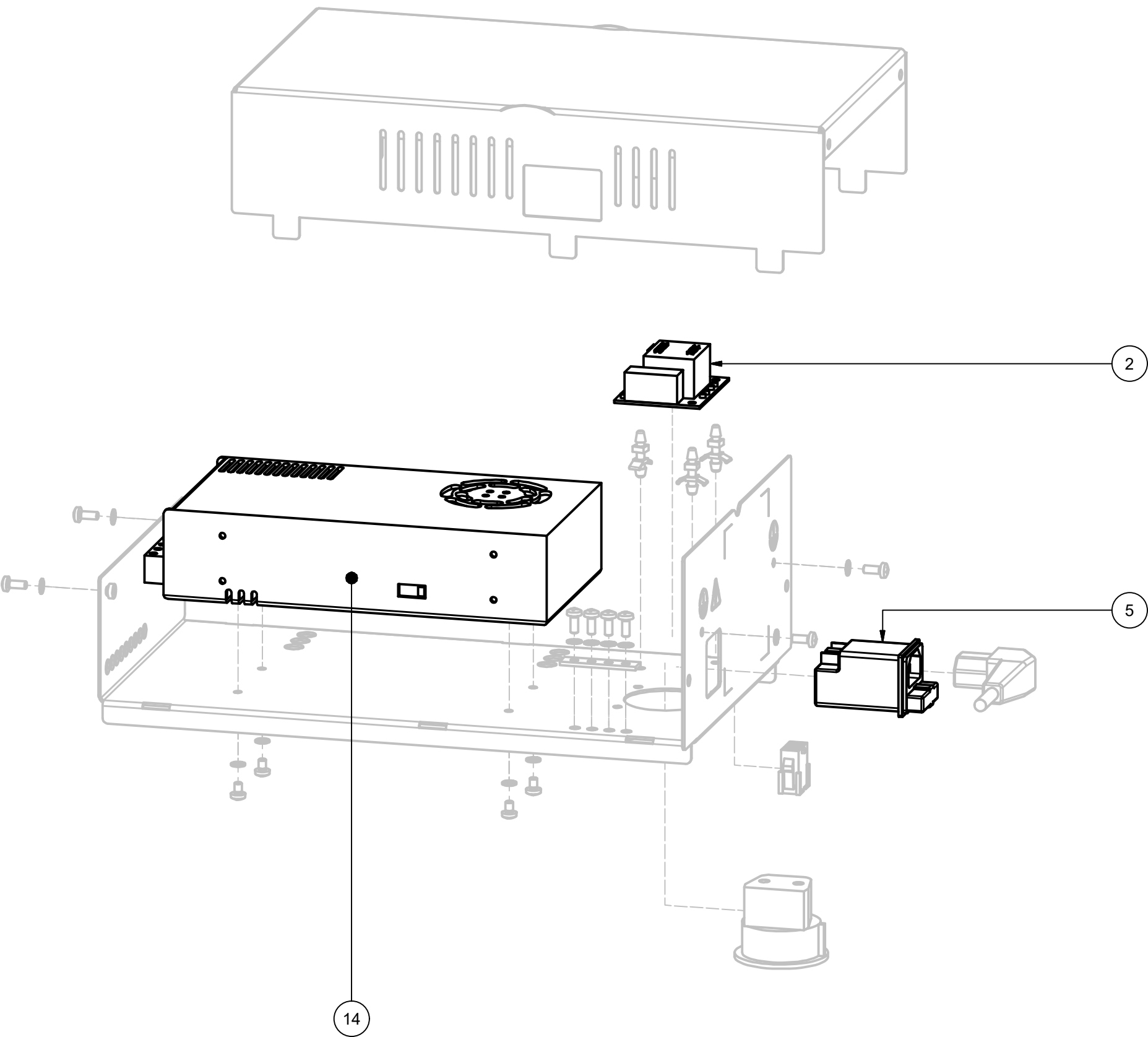
7233

Mid beam



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
2	1862422-SP	Wheel, traversing, centric, 35mm	
4	1813254-SP	Coupling, motor, subframe, HA	
8	1863708-SP	Motor 404.938	

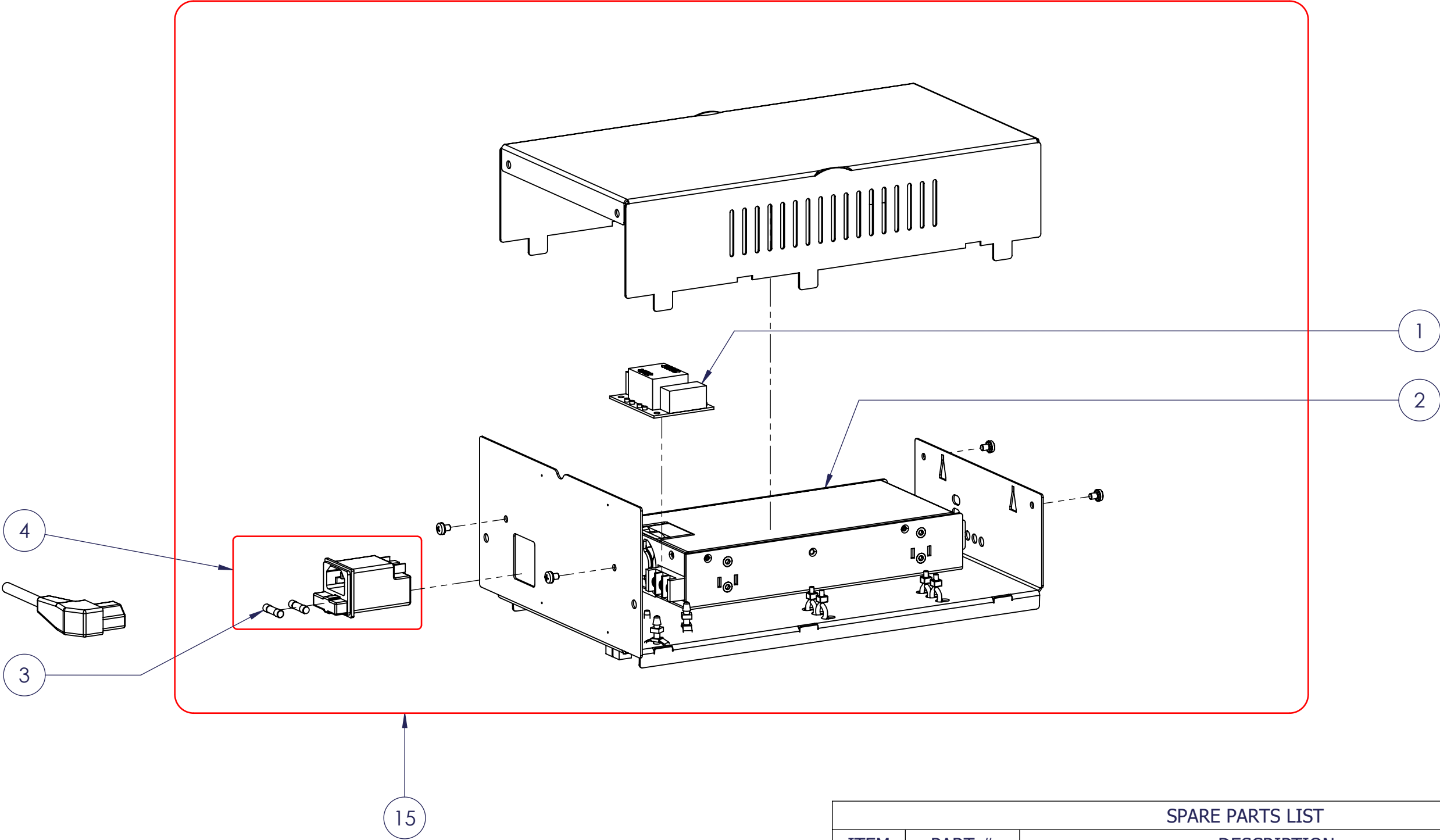
7234-A Power module 1818222-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
2	1819172-SP	Relais, Power Supply	
5	1818326-SP	Netentry with filter	
14	1819171-SP	Power supply,48VDC	

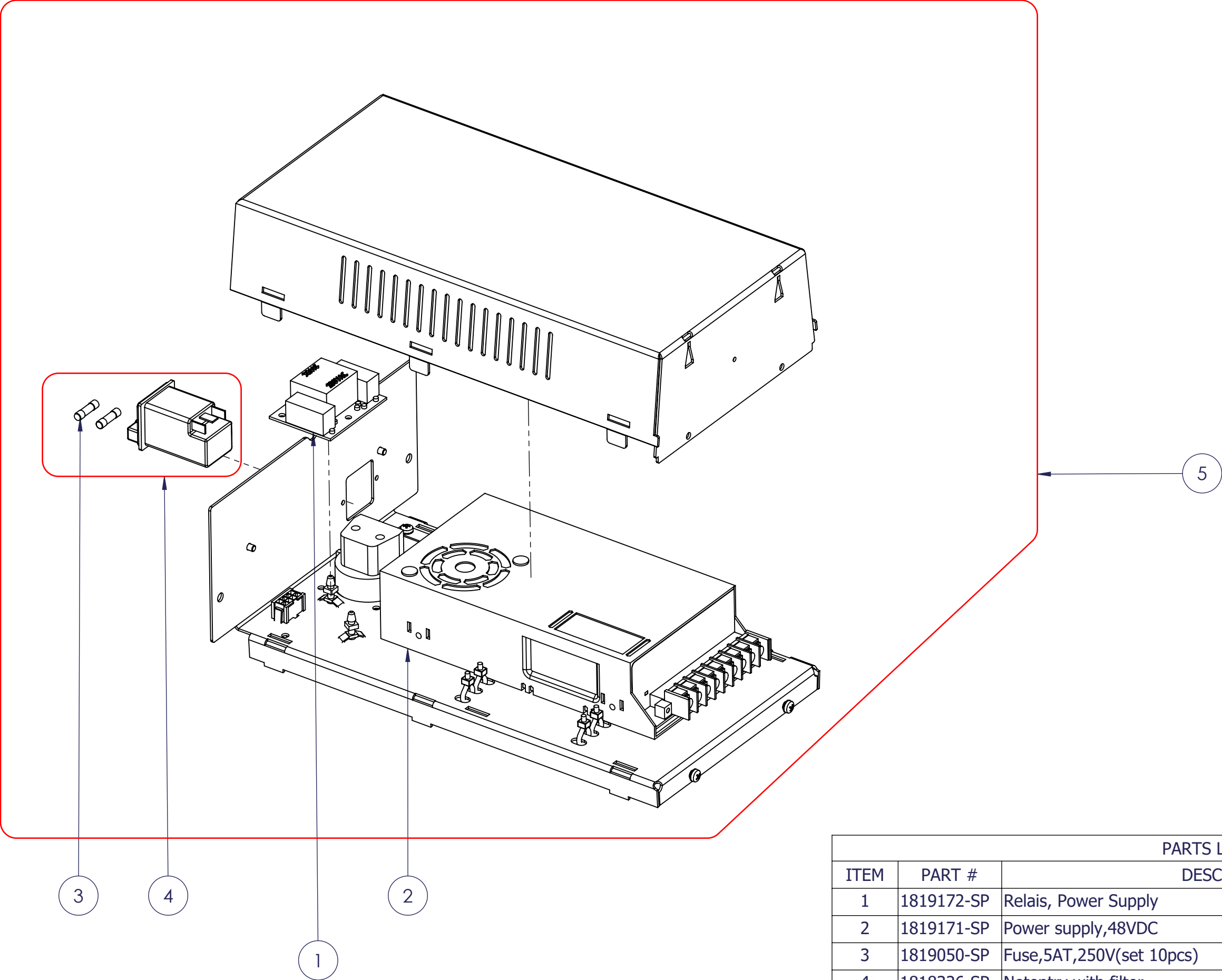
7234-B UL HAxx Power module (1820083)

UL approved models only



SPARE PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1819172-SP	Relais, Power Supply	
2	1865758-SP	Power supply MPS-450-48	
3	1819050-SP	Fuse,5AT,250V(set 10pcs)	
4	1818326-SP	Netentry with filter	
15	1820083-SP	Power module	

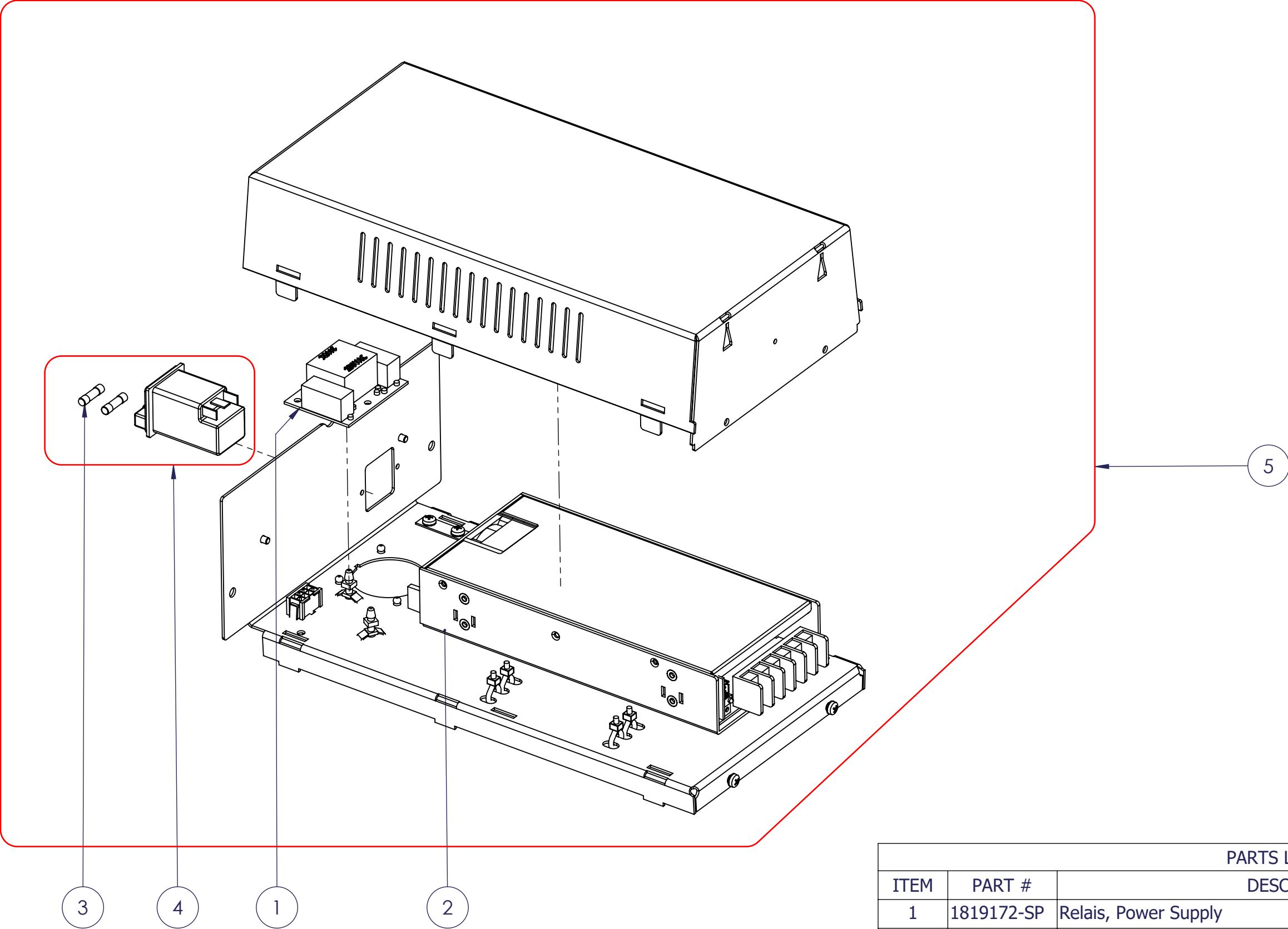
7234-C HAxX Power module (1820013-SP) From 17-12-2020



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1819172-SP	Relais, Power Supply	
2	1819171-SP	Power supply,48VDC	
3	1819050-SP	Fuse,5AT,250V(set 10pcs)	
4	1818326-SP	Netentry with filter	
5	1820013-SP	Power module	

7234-D UL HAxx Power module (1820083-SP) From 17-12-2020

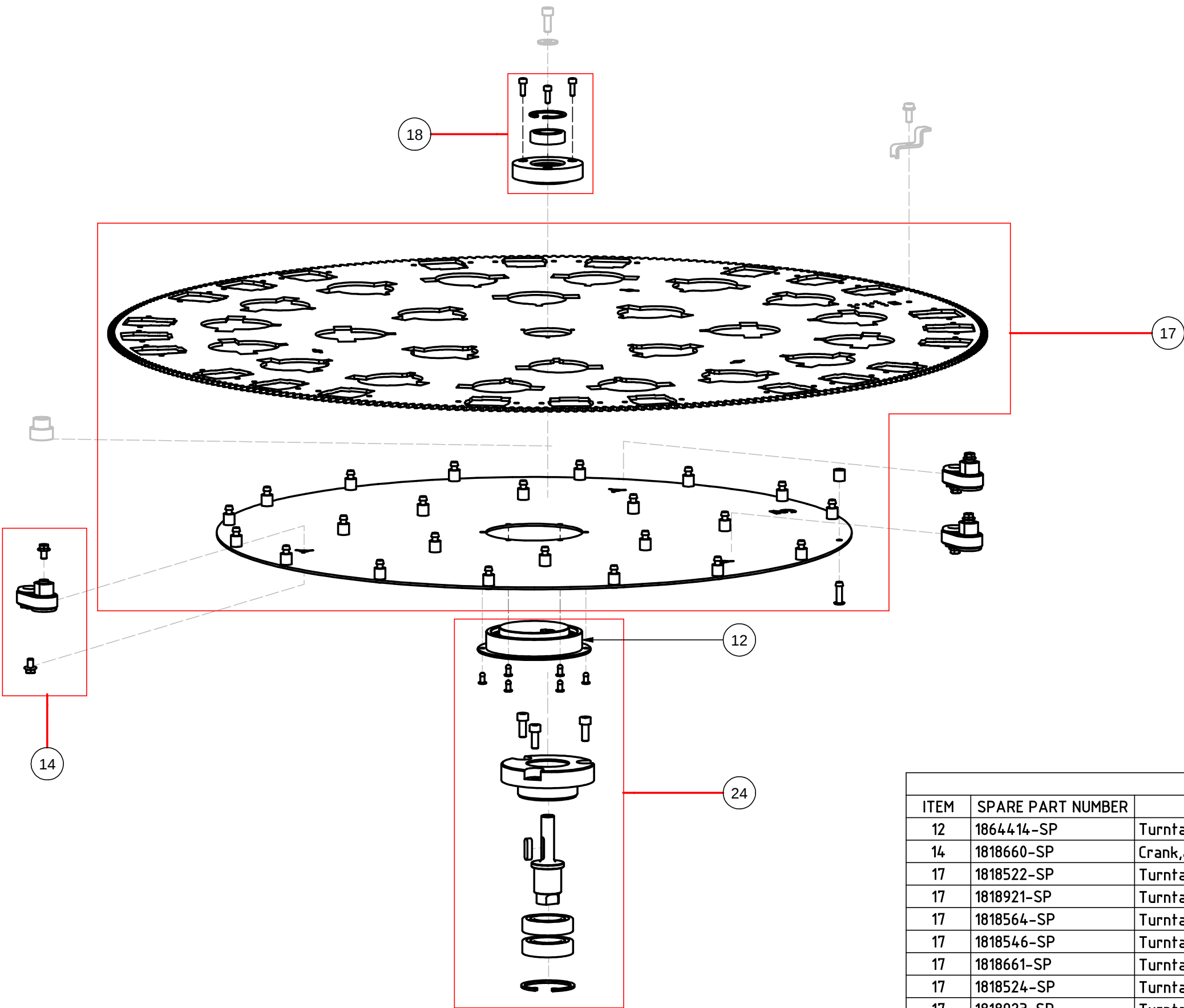
UL approved models only



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1819172-SP	Relais, Power Supply	
2	1865758-SP	Power supply MPS-450-48	
3	1819050-SP	Fuse,5AT,250V(set 10pcs)	
4	1818326-SP	Netentry with filter	
5	1820083-SP	Power module	

7235

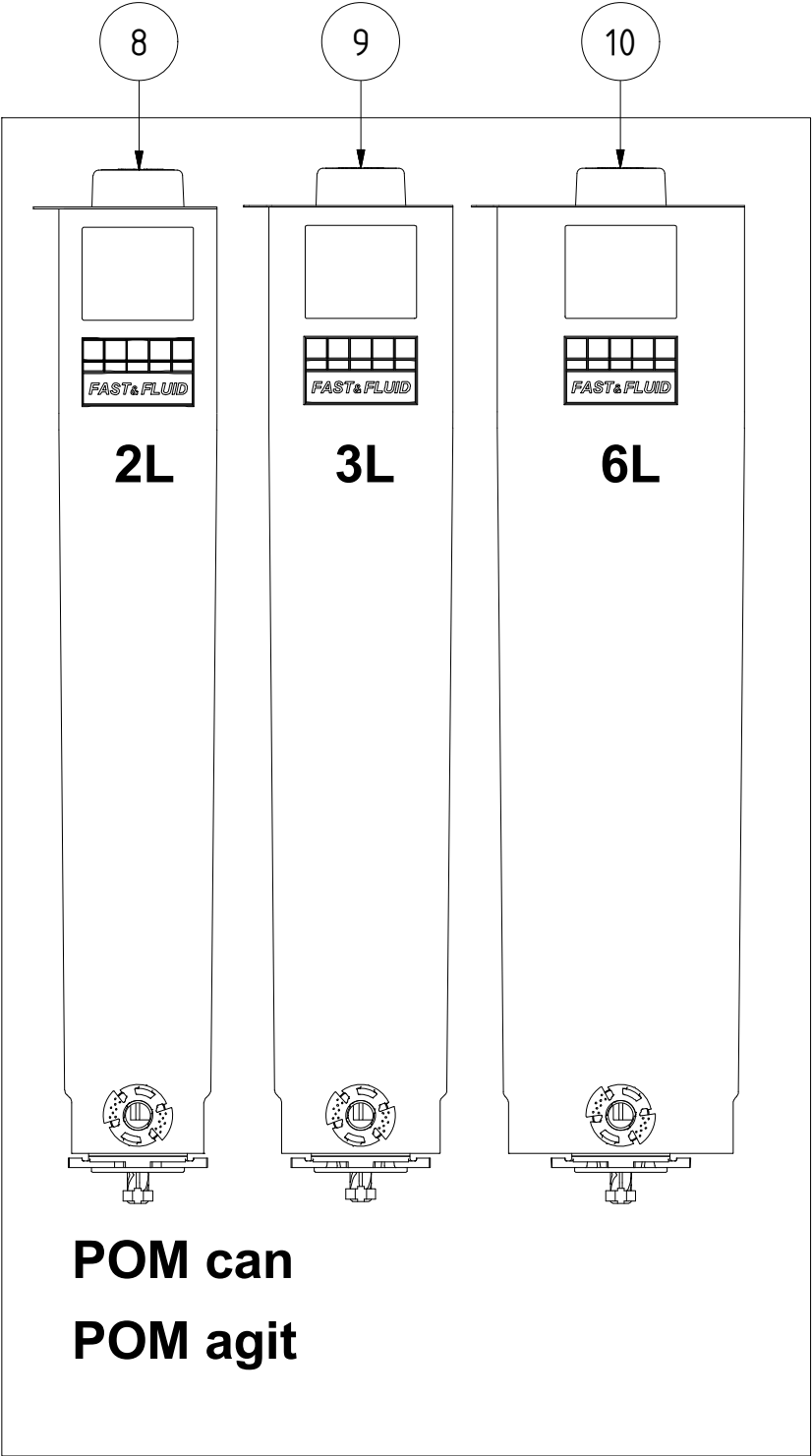
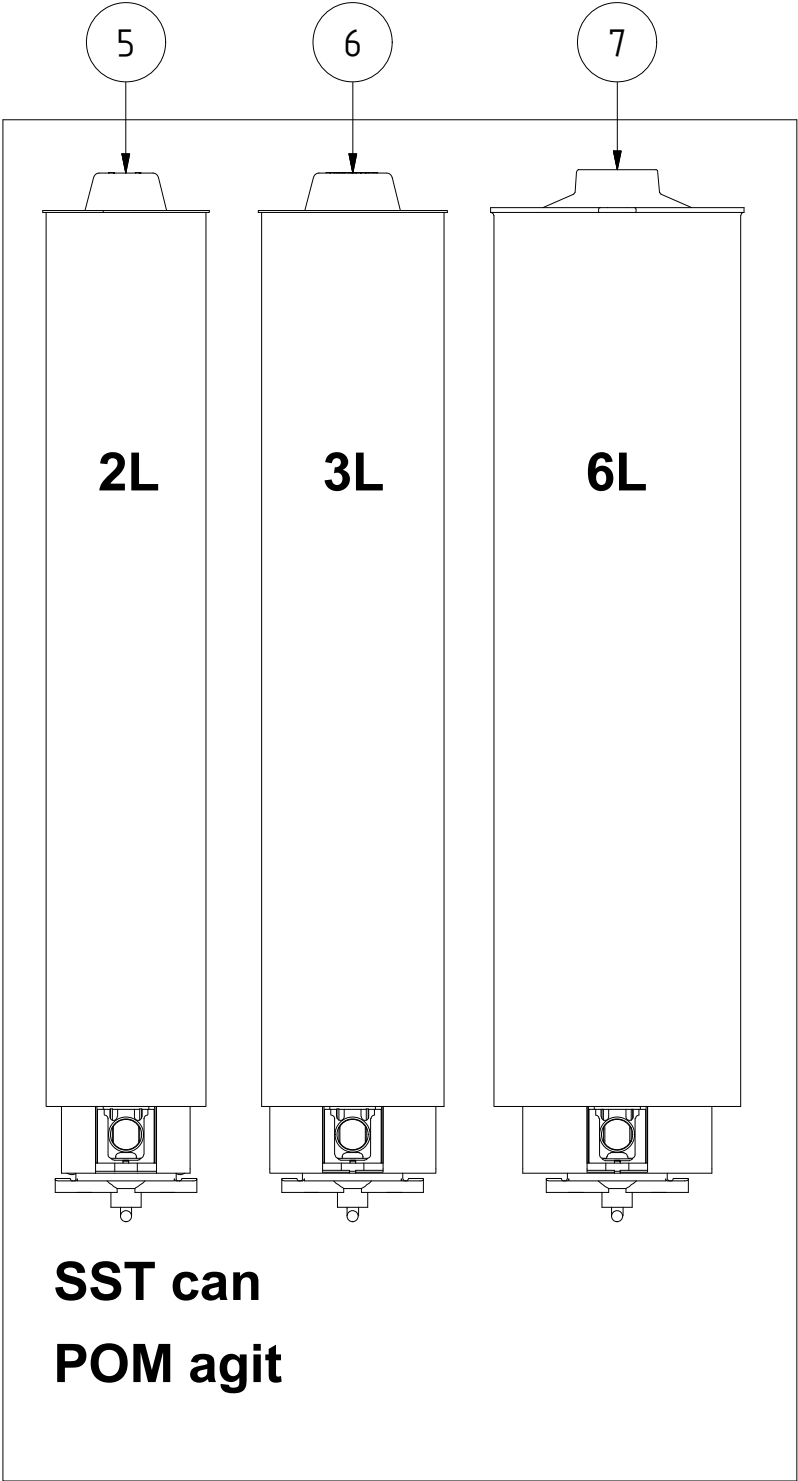
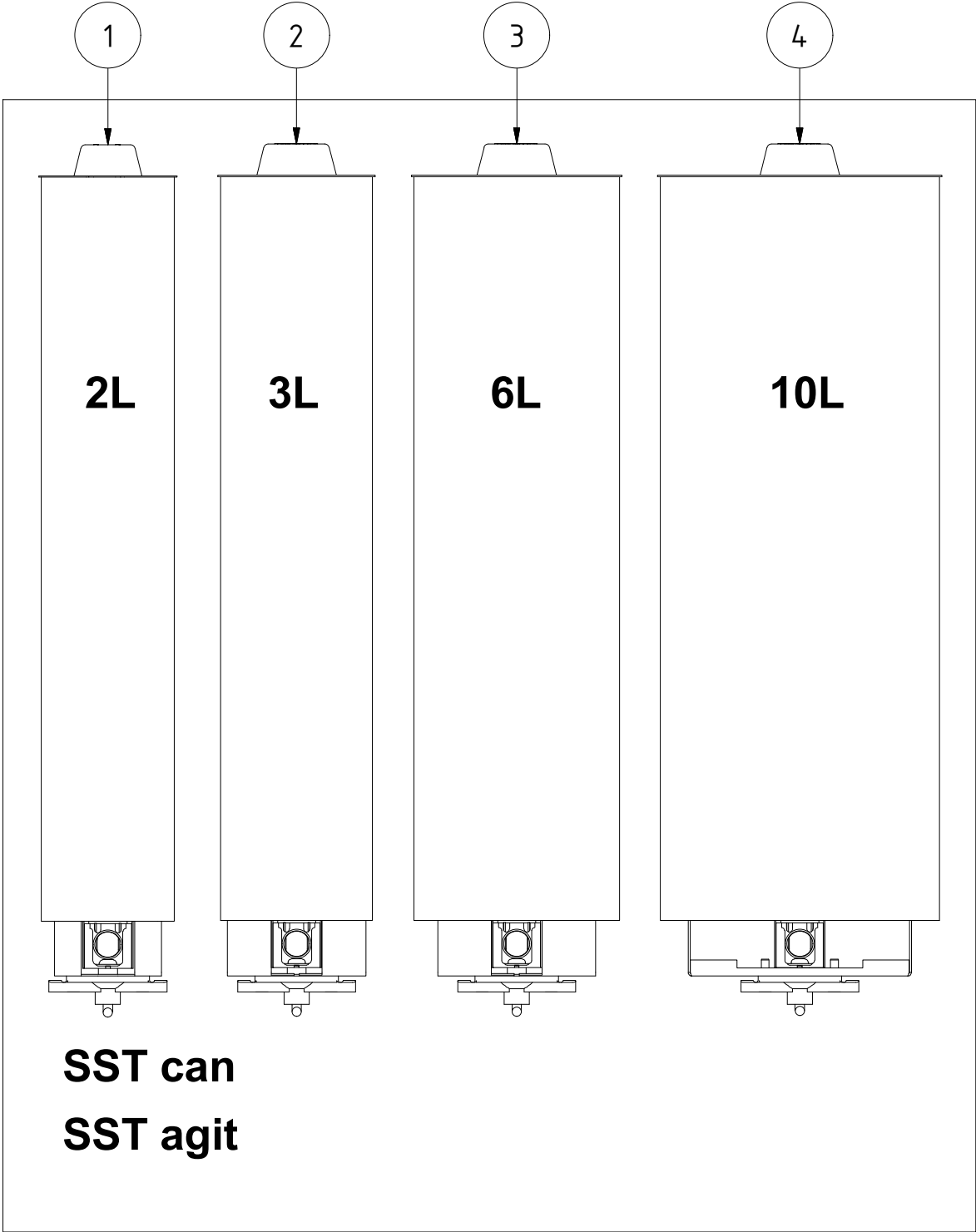
Canister plates



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
12	1864414-SP	Turntable bearing assembly	
14	1818660-SP	Crank,assy (set 3pcs)	
17	1818522-SP	Turntable,(03)+agit.plate,NGH	
17	1818921-SP	Turntable,(05)+agit.plate,NGH	
17	1818564-SP	Turntable,(09)+agit.plate,NGH	
17	1818546-SP	Turntable,(10)+agit.plate,NGH	
17	1818661-SP	Turntable,(12)+agit.plate,NGH	
17	1818524-SP	Turntable,(13)+agit.plate,NGH	
17	1818923-SP	Turntable,(16)+agit.plate,NGH	
17	1819952-SP	Turntable,(17)+agit.plate,NGH	
18	1818753-SP	Bearing,hous,agitation crank,NGH	
24	1819170-SP	Crank,turntable,compl(set 1pc)	

7240

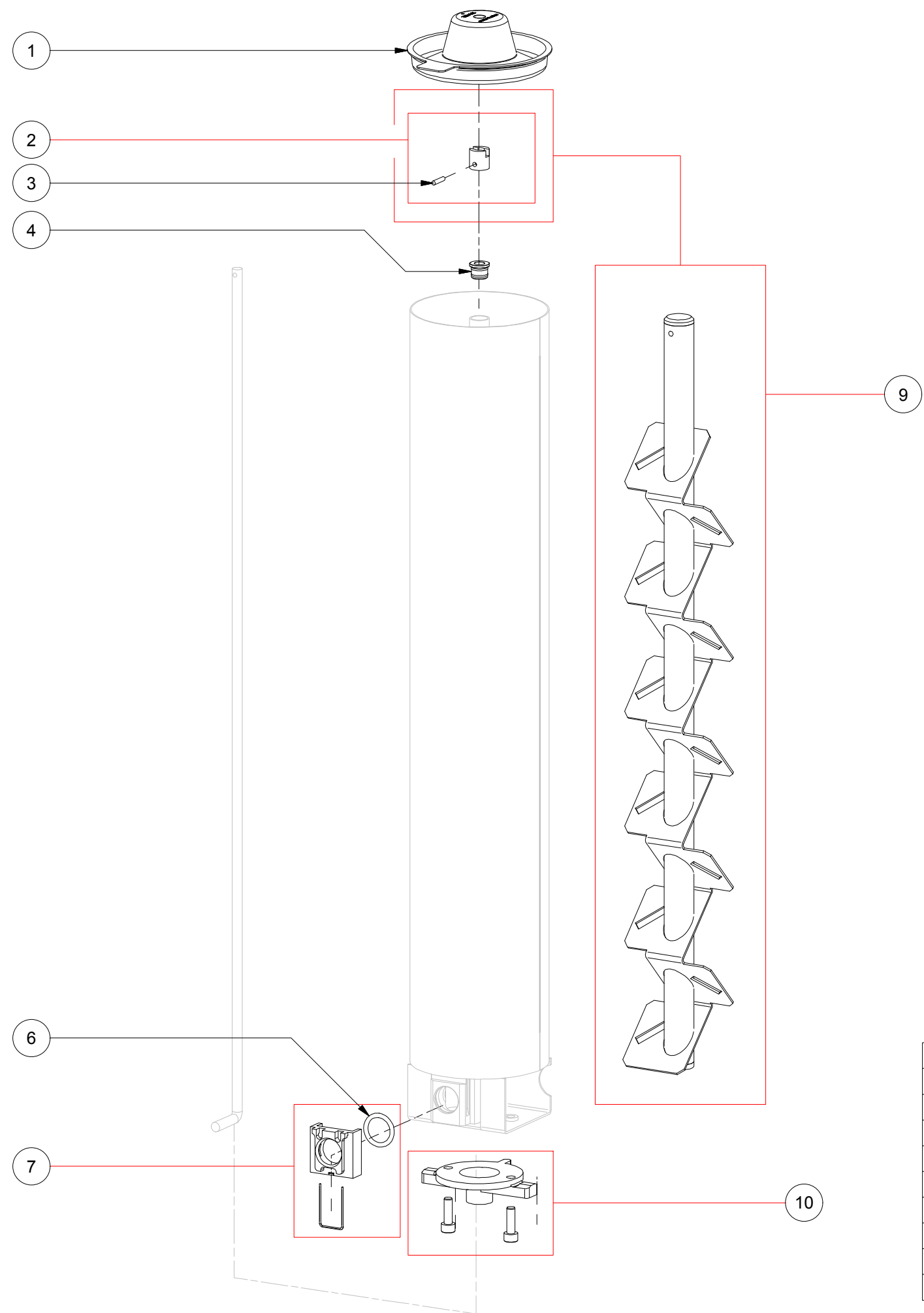
Canisters



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1814147-SP	2L,SST can,std,1ex,SST agit	Page 7241
2	1863215-SP	3L,SST can,std,1ex,SST agit	Page 7242
3	1863216-SP	6L,SST can,std,1ex,SST agit	Page 7243
4	1810599-SP	10L,SST can,std,1ex,SST agit	Page 7244
5	1814988-SP	2L,SST can,std,1ex,POM agit	Page 7245
6	1809888-SP	3L,SST can,std,1ex,POM agit	Page 7246
7	1810596-SP	6L,SST can,std,1ex,POM agit	Page 7247
8	1865010-SP	2L,POM can,std,1ex,POM agit	Page 7248
9	1865011-SP	3L,POM can,std,1ex,POM agit	Page 7249
10	1865012-SP	6L,POM can,std,1ex,POM agit	Page 7250

7241

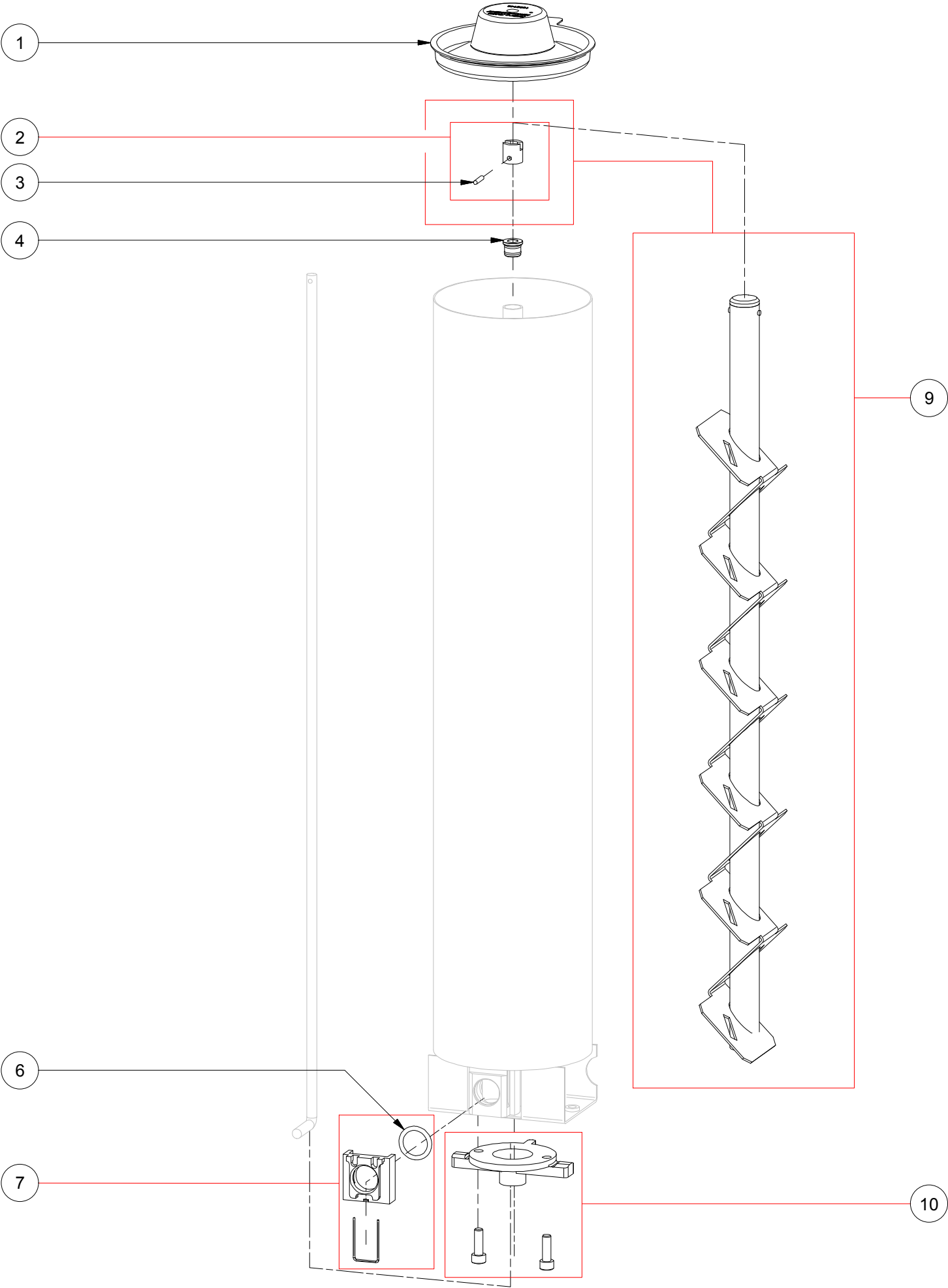
2L,SST can,1ex,SST agit 1814147-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802502-SP	Lid POM,2L can,5pcs	
2	1801798-SP	Bush,center,agit.shaft,HA	
3	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
4	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
6	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
7	1810767-SP	Clip,spring,tube,(Set 5pcs)	
9	1814153-SP	Agit SST, 2L SST can	
10	1816106-SP	Cap,bottom,sst can with screws	

7242

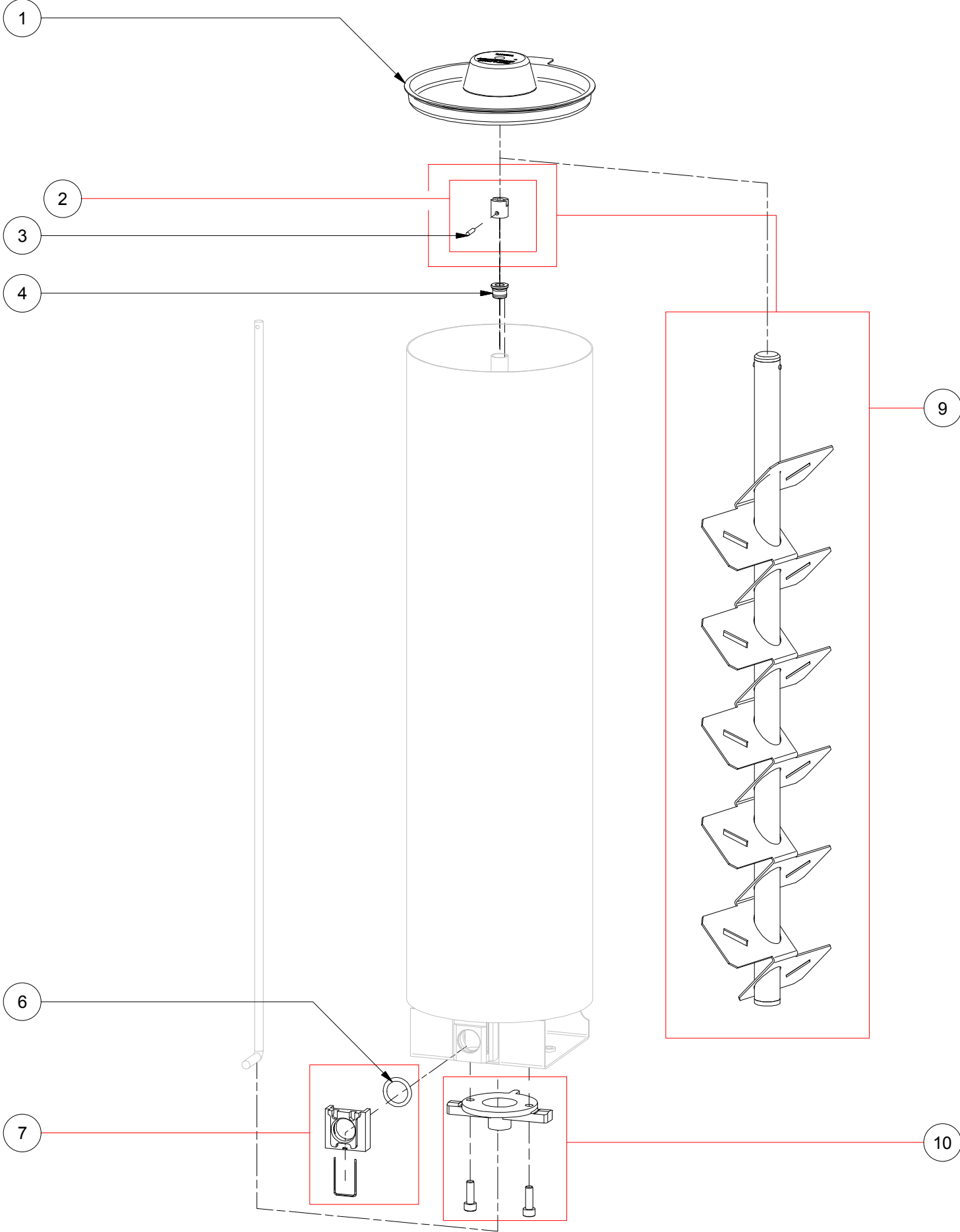
3L,SST can,1ex,SST agit 1863215-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802503-SP	Lid POM,3L can,5pcs	
2	1801798-SP	Bush,center,agit.shaft,HA	
3	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
4	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
6	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
7	1810767-SP	Clip,spring,tube,(Set 5pcs)	
9	1803439-SP	Agit SST, 3L SST can	
10	1816106-SP	Cap,bottom,sst can with screws	

7243

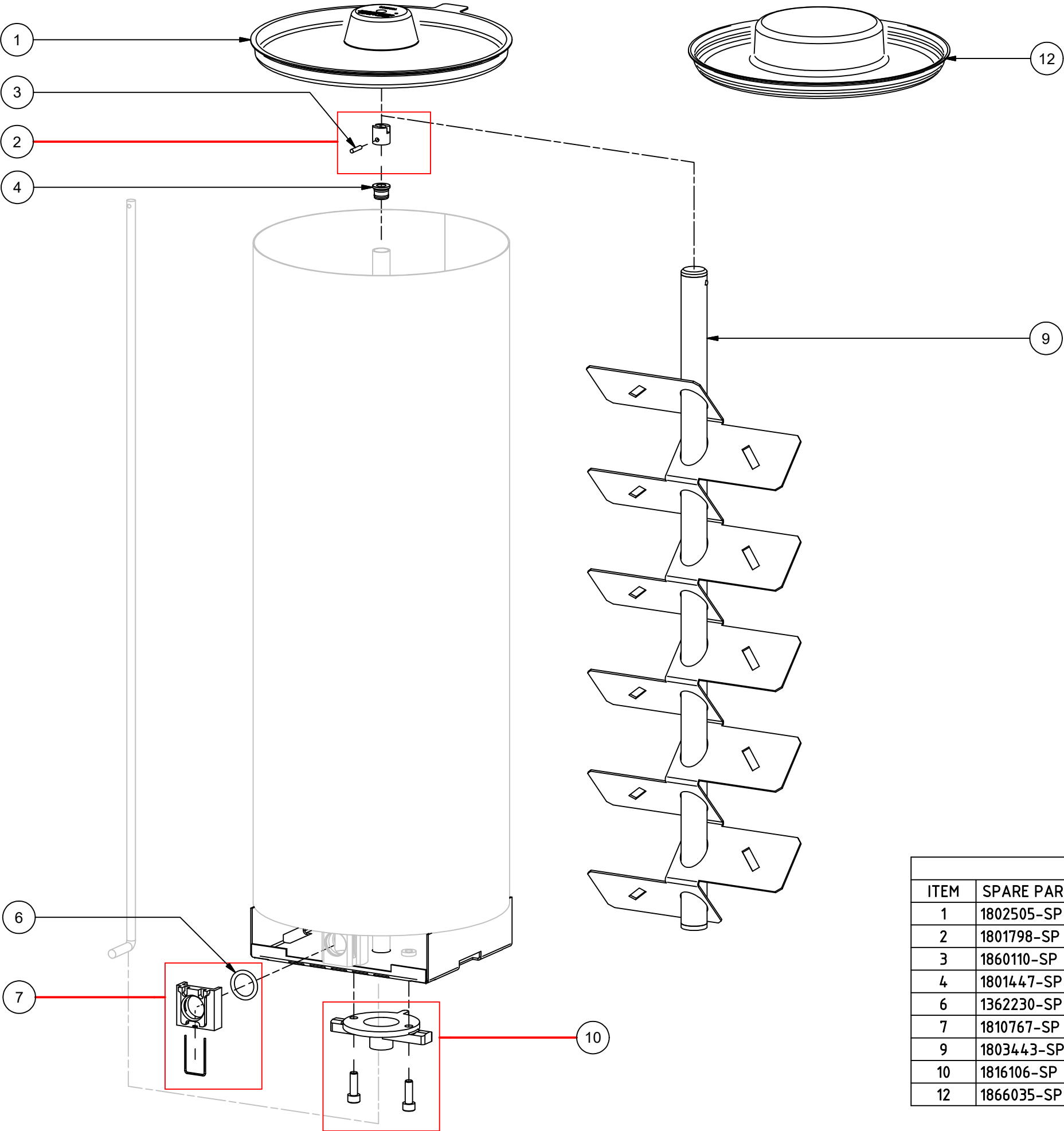
6L,SST can,1ex,SST agit 1863216-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802504-SP	Lid POM,4.5/6L can,5pcs	
2	1801798-SP	Bush,center,agit.shaft,HA	
3	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
4	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
6	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
7	1810767-SP	Clip,spring,tube,(Set 5pcs)	
9	1803441-SP	Agit SST, 6L SST can	
10	1816106-SP	Cap,bottom,sst can with screws	

7244

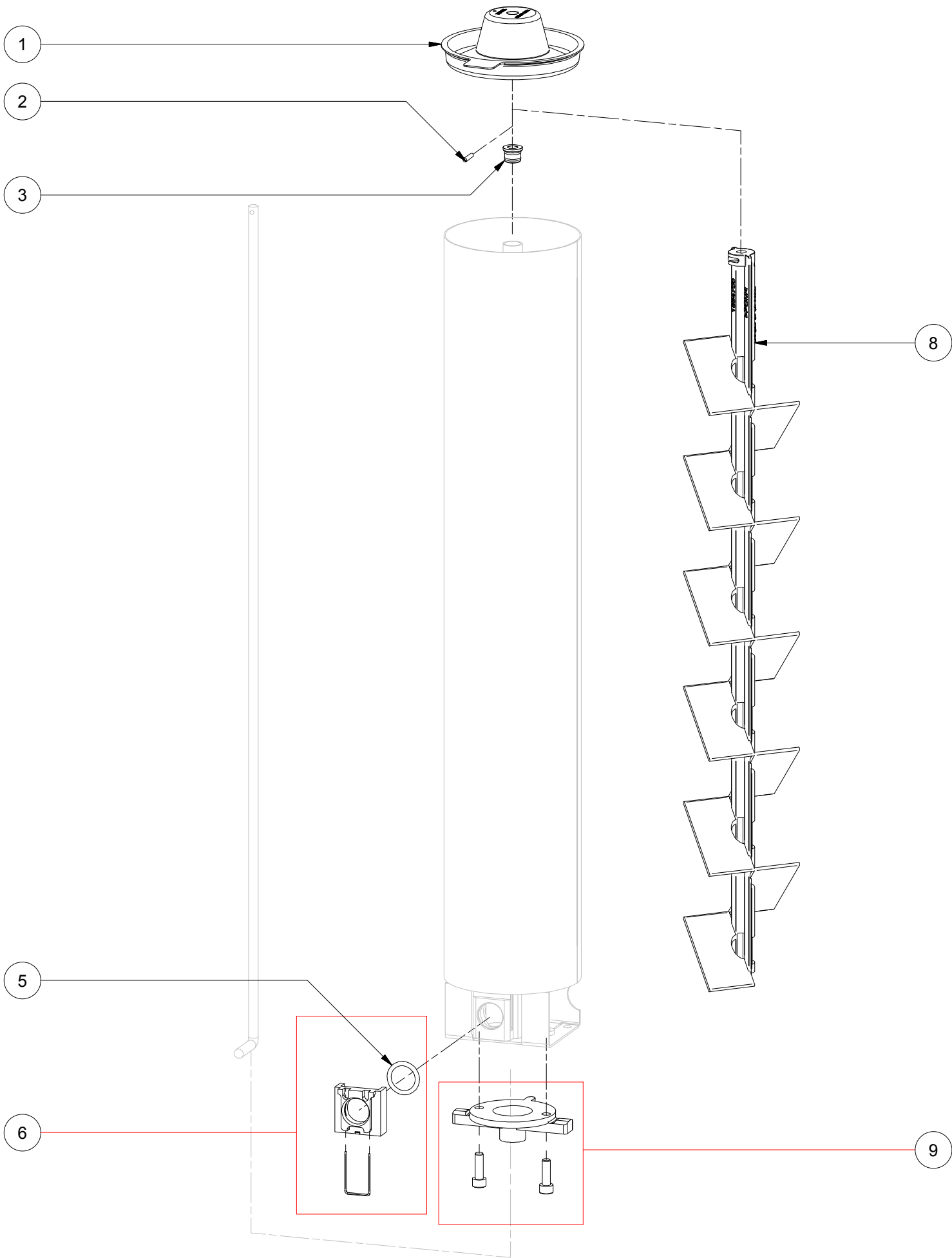
10L,SST can,1ex,SST agit 1810599-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802505-SP	Lid POM,10L can,5pcs	
2	1801798-SP	Bush,center,agit.shaft,HA	
3	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
4	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
6	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
7	1810767-SP	Clip,spring,tube,(Set 5pcs)	
9	1803443-SP	Agit SST, 10L SST can	
10	1816106-SP	Cap,bottom,sst can with screws	
12	1866035-SP	Lid SST, 10L SST can	

7245

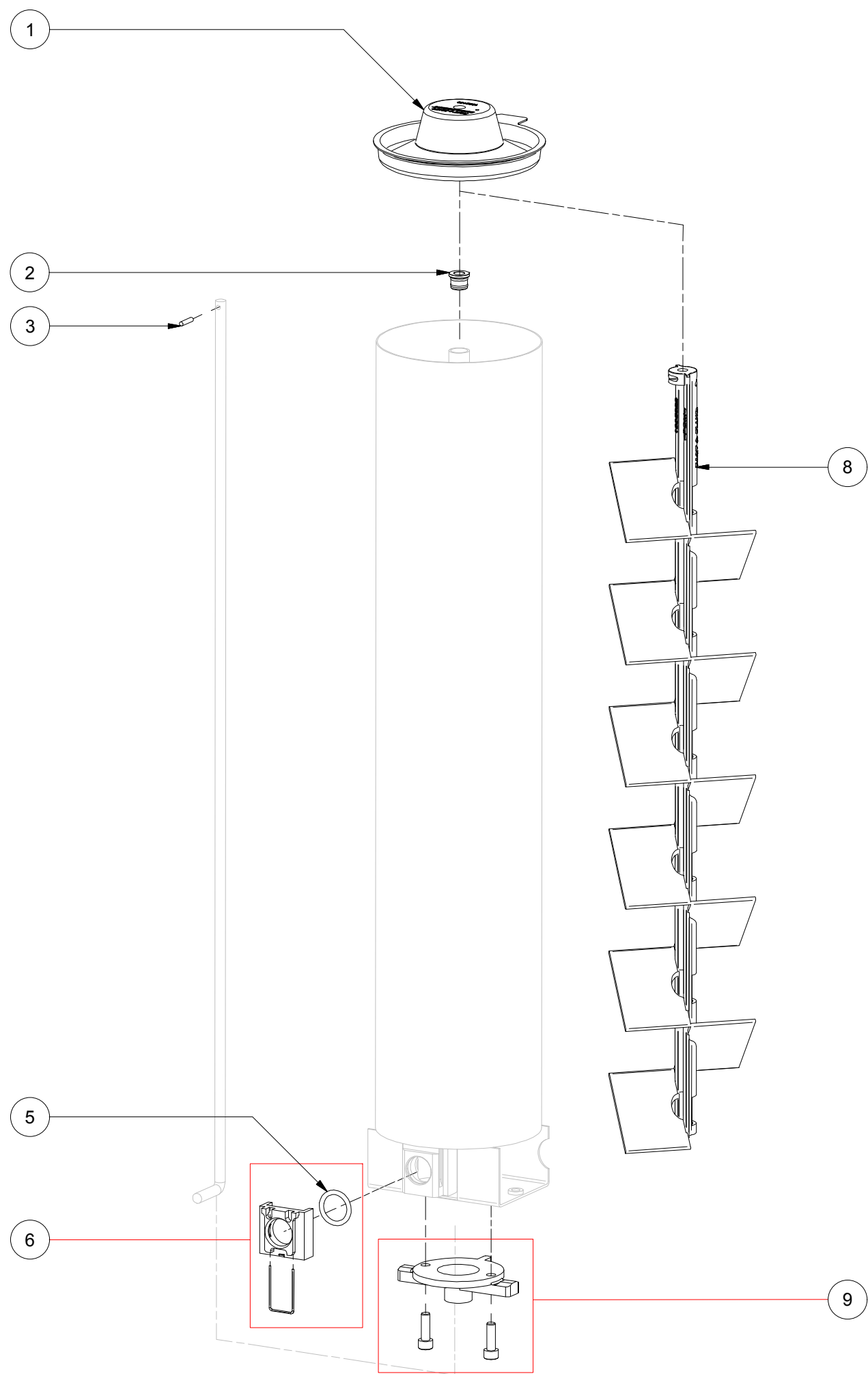
2L,SST can,1ex,POM agit 1814988-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802502-SP	Lid POM,2L can,5pcs	
2	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
3	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
5	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
6	1810767-SP	Clip,spring,tube,(Set 5pcs)	
8	1864700-SP	Agit POM, 2L SST can, 5pcs	
9	1816106-SP	Cap,bottom,sst can with screws	

7246

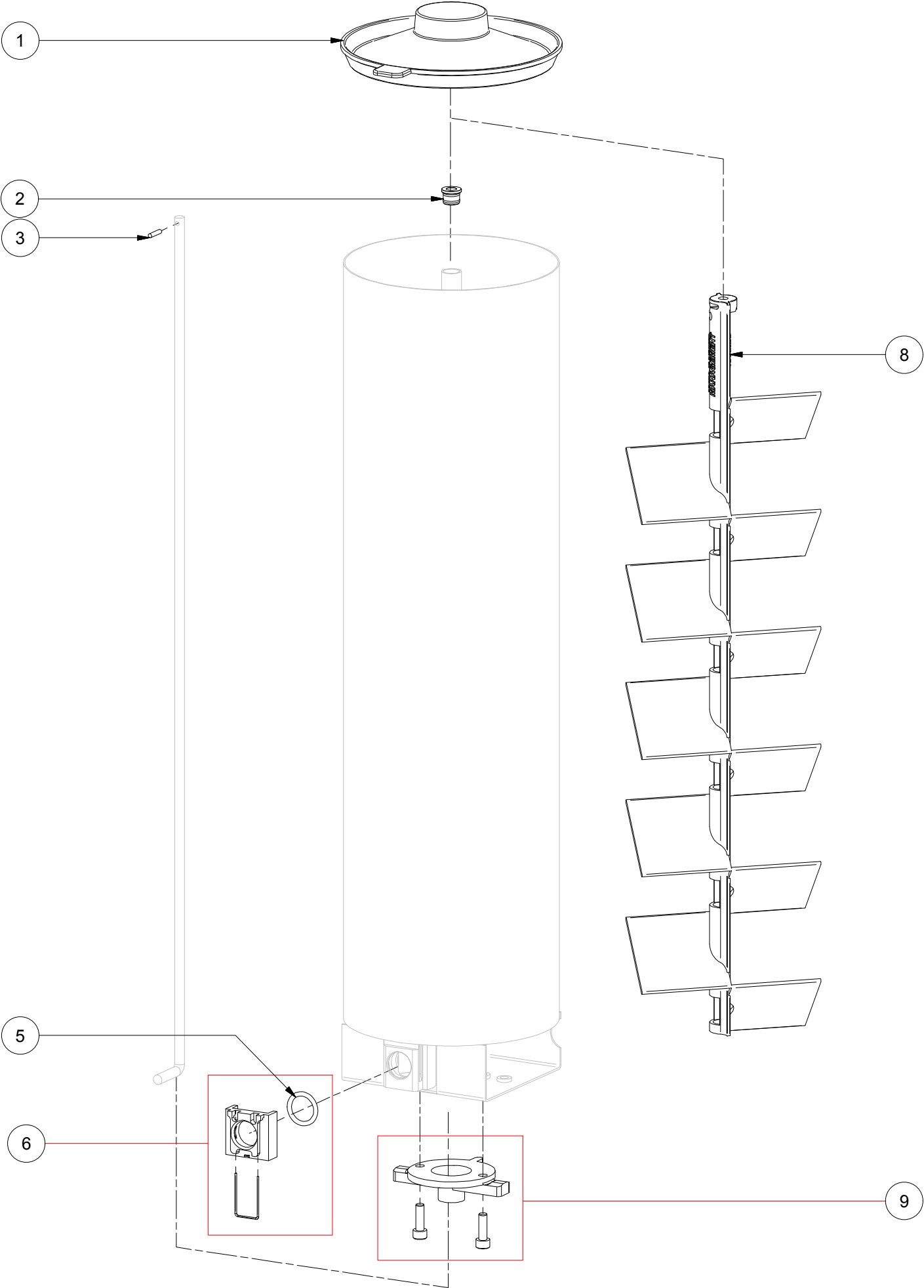
3L,SST can,1ex,POM agit 1809888-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802503-SP	Lid POM,3L can,5pcs	
2	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
3	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
5	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
6	1810767-SP	Clip,spring,tube,(Set 5pcs)	
8	1860394-SP	Agit POM,3L Sst can,5pcs	
9	1816106-SP	Cap,bottom,sst can with screws	

7247

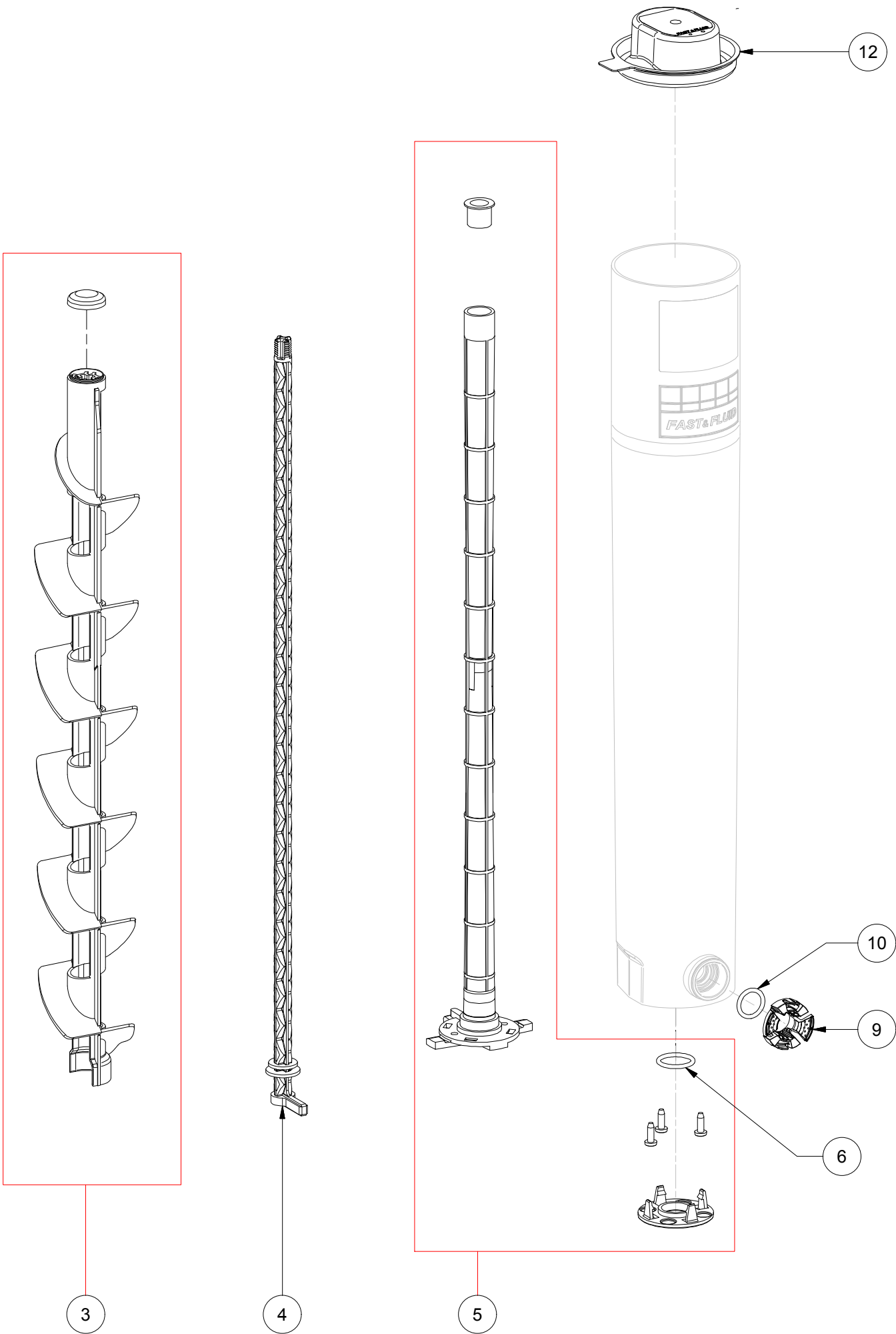
6L,SST can,1ex,POM agit 1810596-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1802504-SP	Lid POM,4.5/6L can,5pcs	
2	1801447-SP	Bush,shaft-pipe,set,HA,10pcs	
3	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
5	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
6	1810767-SP	Clip,spring,tube,(Set 5pcs)	
8	1860395-SP	Agit POM,6L Sst can,5pcs	
9	1816106-SP	Cap,bottom,sst can with screws	

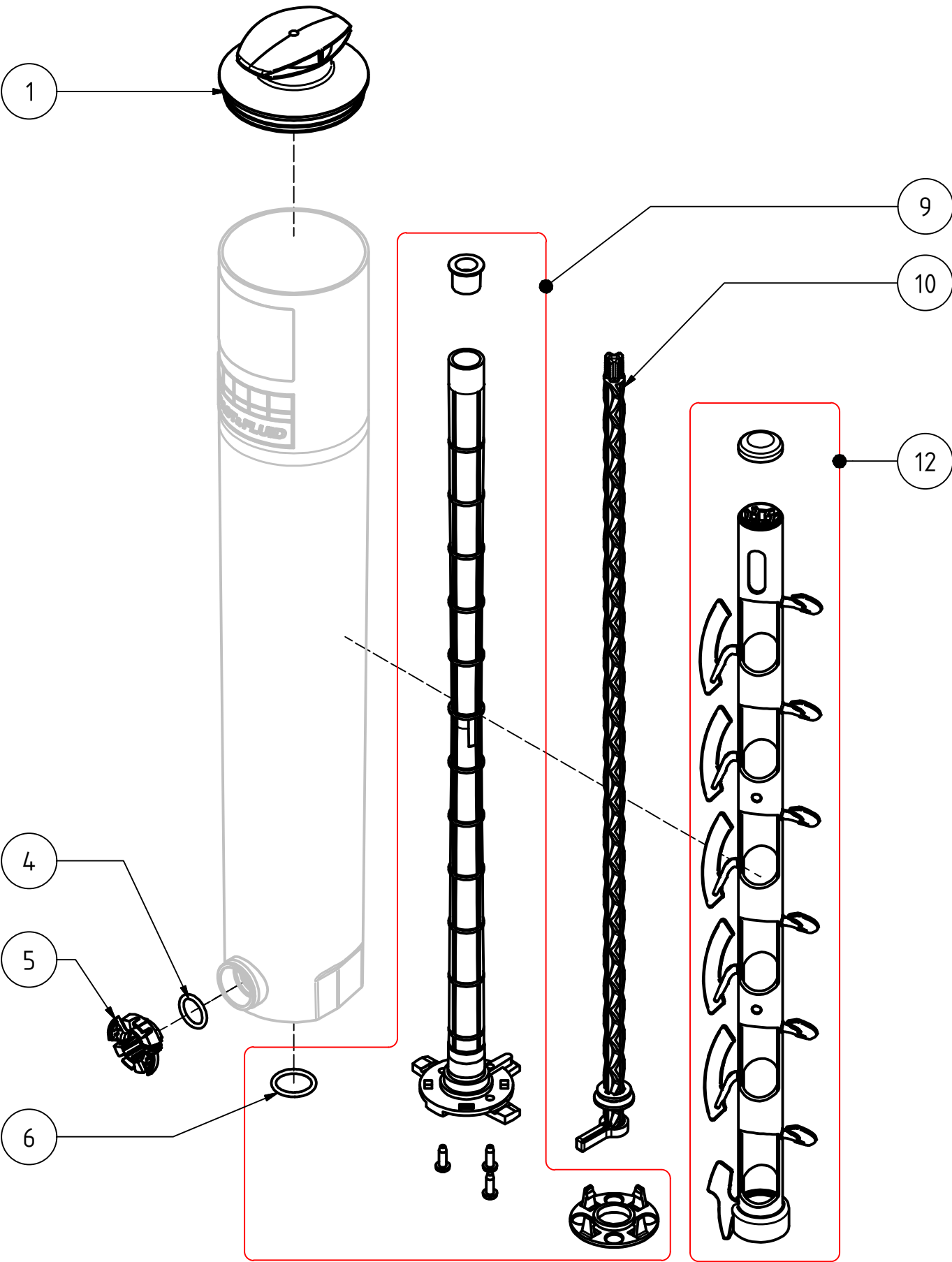
7248-A

2L,POM can,1ex,POM agit 1865010-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
3	1817911 -SP	Agitator,2L,POM,2014,5pcs	
4	1817917-SP	Shaft,canister,HA,5pcs	
6	1362231-SP	O-ring,cann.vit.20.29 set 10pc	
5	1817427-SP	Inner tube,canister,kit	
9	1817841-SP	Clip,pump,canister,HA,5pcs	
10	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
12	1817421-SP	Lid POM,2L can,5pcs	

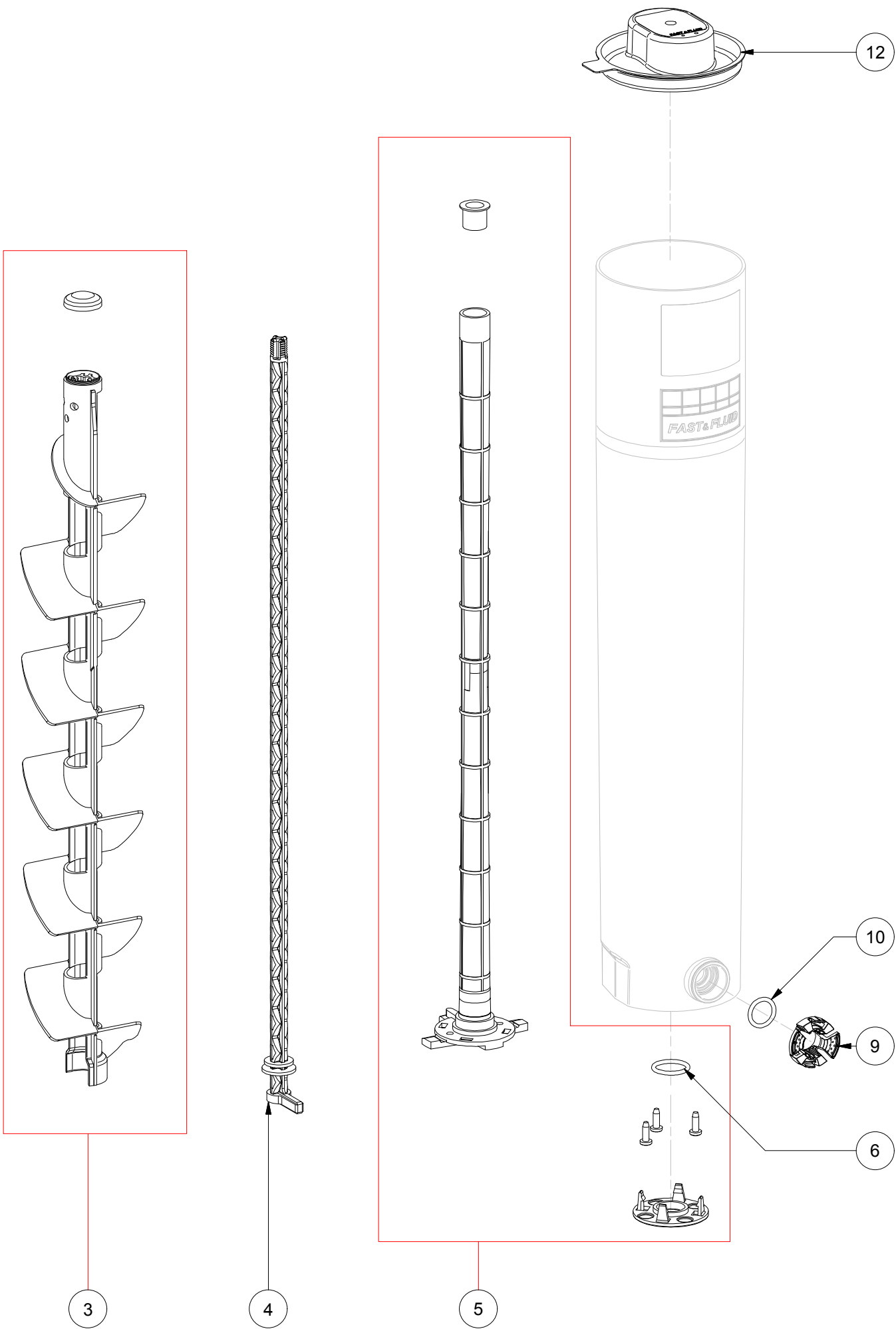
7248-B 2L,canister,assy,POM 1865918-SP From 09-April-2023



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1820582-SP	Lid,canister,2L,5pcs	
4	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
5	1817841-SP	Clip,pump,canister,HA,5pcs	
6	1362231-SP	O-ring,cann.vit.20.29 set 10pc	
9	1817427-SP	Inner tube,canister,kit	
10	1817917-SP	Shaft,canister,HA,5pcs	
12	1820537-SP	Agitator,2ltr,HA480-680,5pcs	

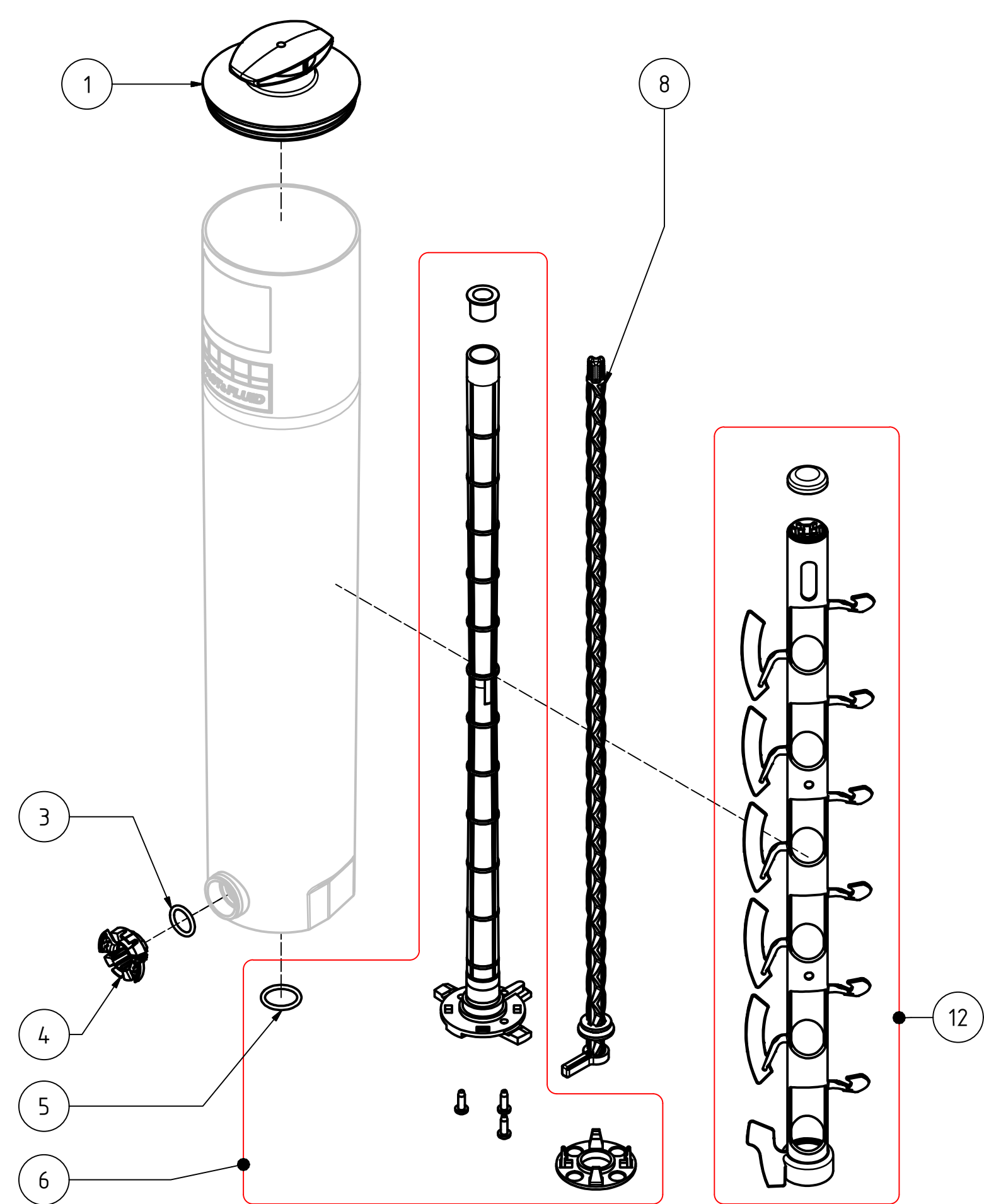
7249-A

3L,POM can,1ex,POM agit 1865011-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
3	1817910-SP	Agitator,3L,POM,2014,5pcs	
4	1817917-SP	Shaft,canister,HA,5pcs	
5	1817427-SP	Inner tube,canister,kit	
6	1362231-SP	O-ring,cann.vit.20.29 set 10pc	
9	1817841-SP	Clip,pump,canister,HA,5pcs	
10	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
12	1817422-SP	Lid POM,2.5/3L can,5pcs	

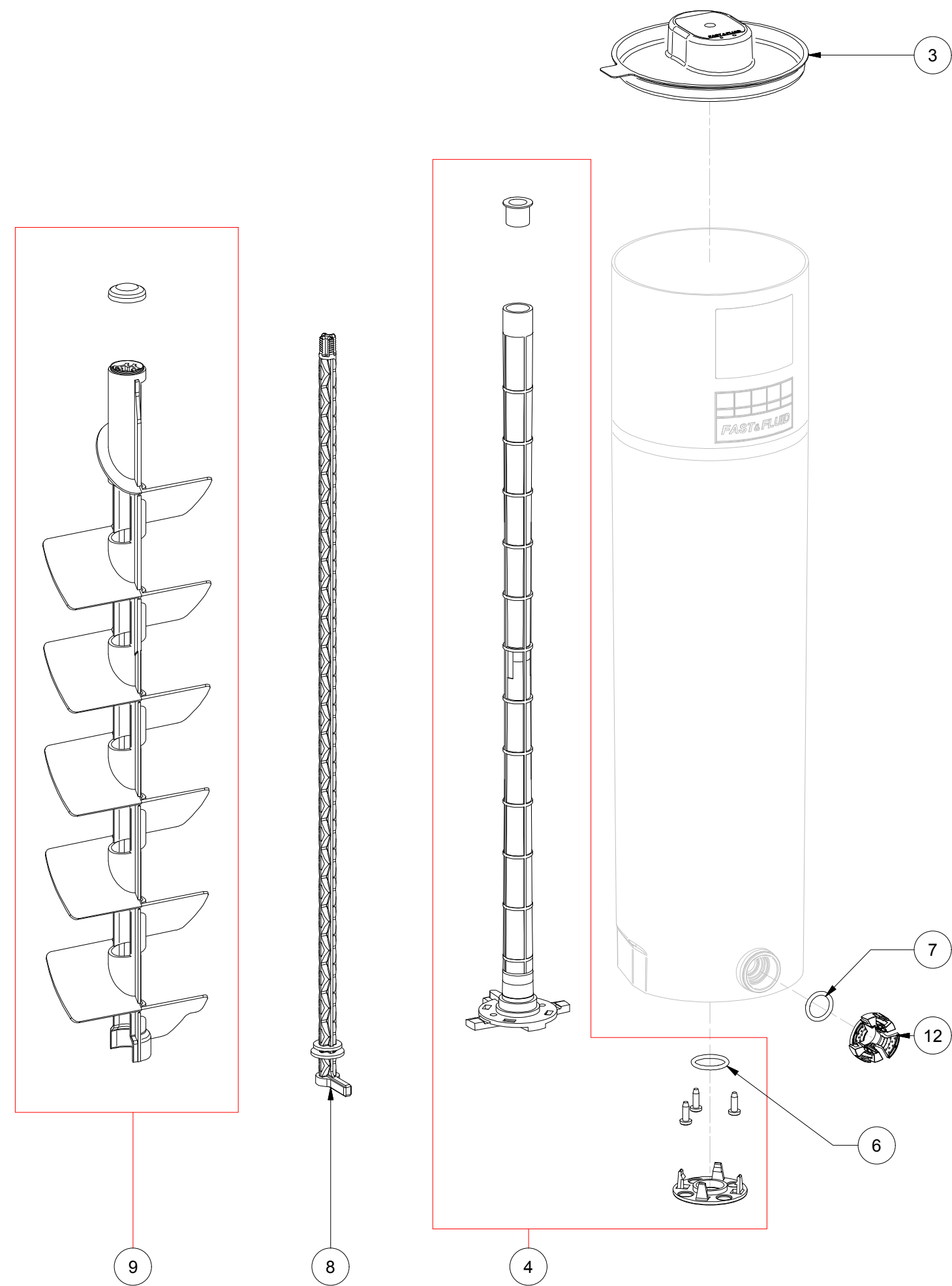
7249-B 3L,canister,assy,POM 1865919-SP From 09-April-2023



SPARE PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1819819-SP	Lid,canister,3L,5pcs	
3	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
4	1817841-SP	Clip,pump,canister,HA,5pcs	
5	1362231-SP	O-ring,cann.vit.20.29 set 10pc	
6	1817427-SP	Inner tube,canister,kit	
8	1817917-SP	Shaft,canister,HA,5pcs	
12	1820538-SP	Agitator,3ltr,HA480-680,5pcs	

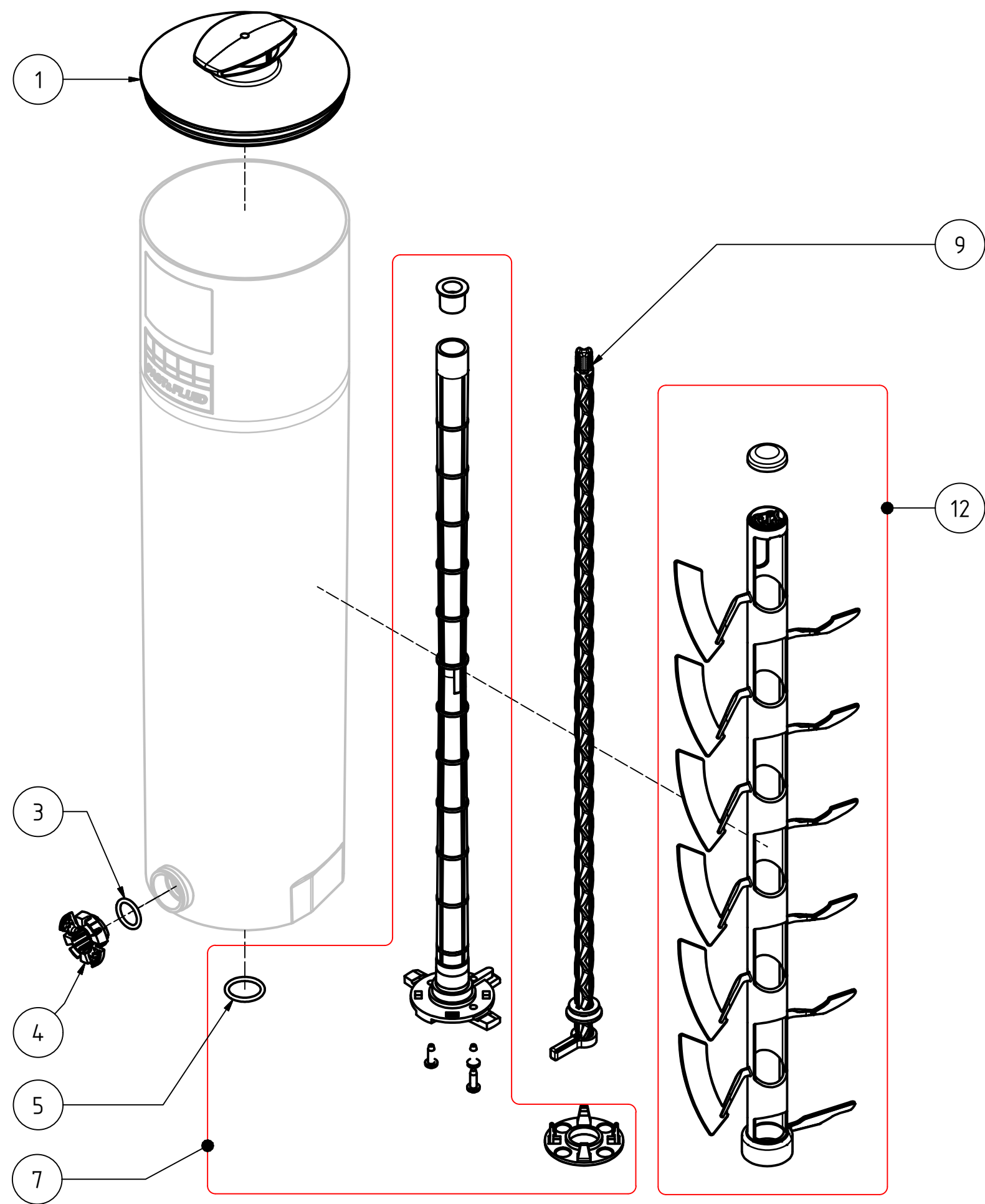
7250-A

6L,POM can,1ex,POM agit 1865012-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
3	1817423-SP	Lid POM,5/6L can,5pcs	
4	1817427-SP	Inner tube,canister,kit	
6	1362231-SP	O-ring,cann.vit.20.29 set 10pc	
7	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
8	1817917-SP	Shaft,canister,HA,5pcs	
9	1817912-SP	Agitator,6L,POM,2014	
12	1817841-SP	Clip,pump,canister,HA,5pcs	

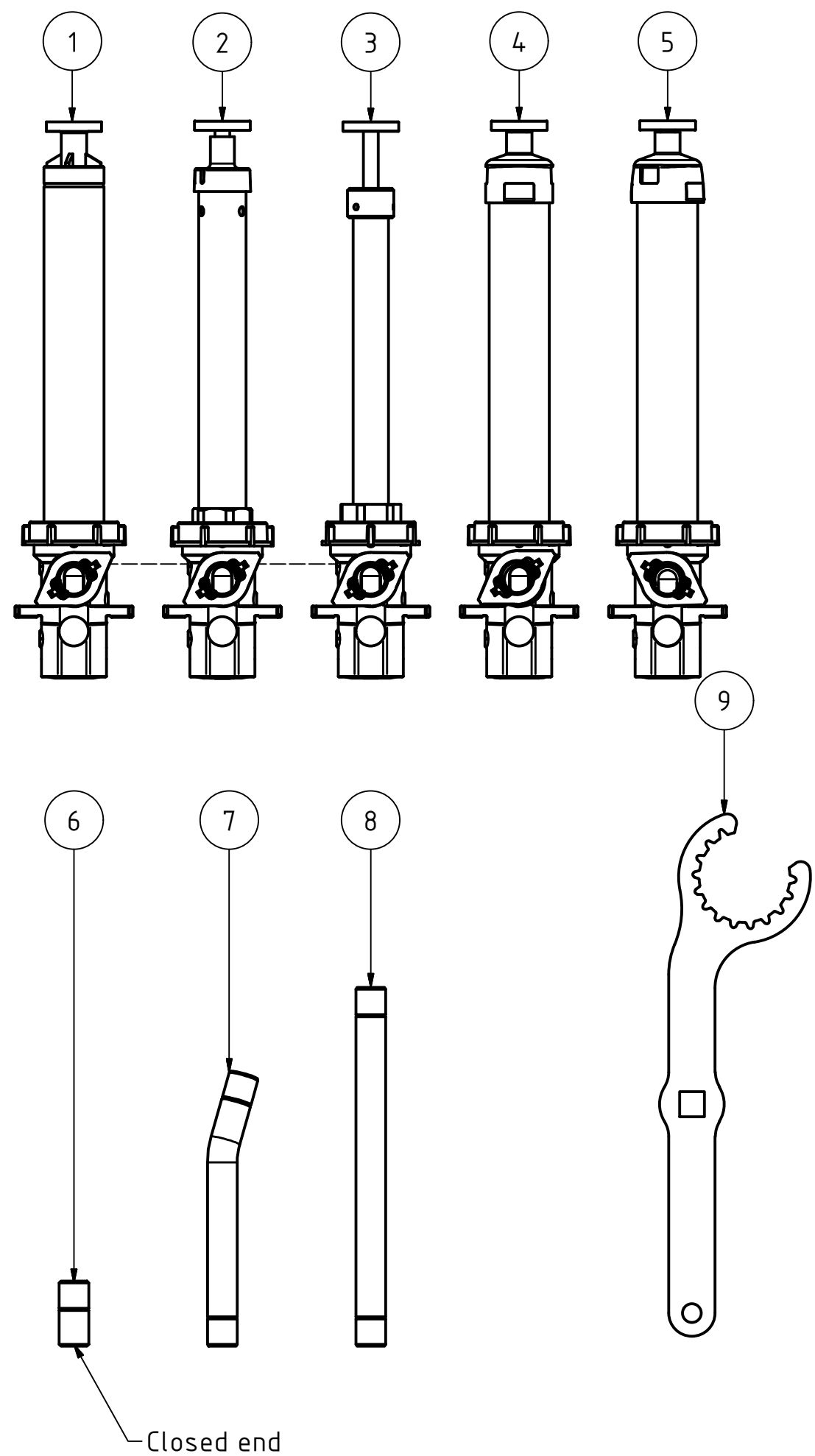
7250-B 6L,canister,assy,POM 1865920-SP From 09-April-2023



SPARE PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1819823-SP	Lid,Canister,6L,5pcs	
3	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
4	1817841-SP	Clip,pump,canister,HA,5pcs	
5	1362231-SP	O-ring,cann.vit.20.29 set 10pc	
7	1817427-SP	Inner tube,canister,kit	
9	1817917-SP	Shaft,canister,HA,5pcs	
12	1820539-SP	Agitator,6ltr,HA480-680,5pcs	

7260

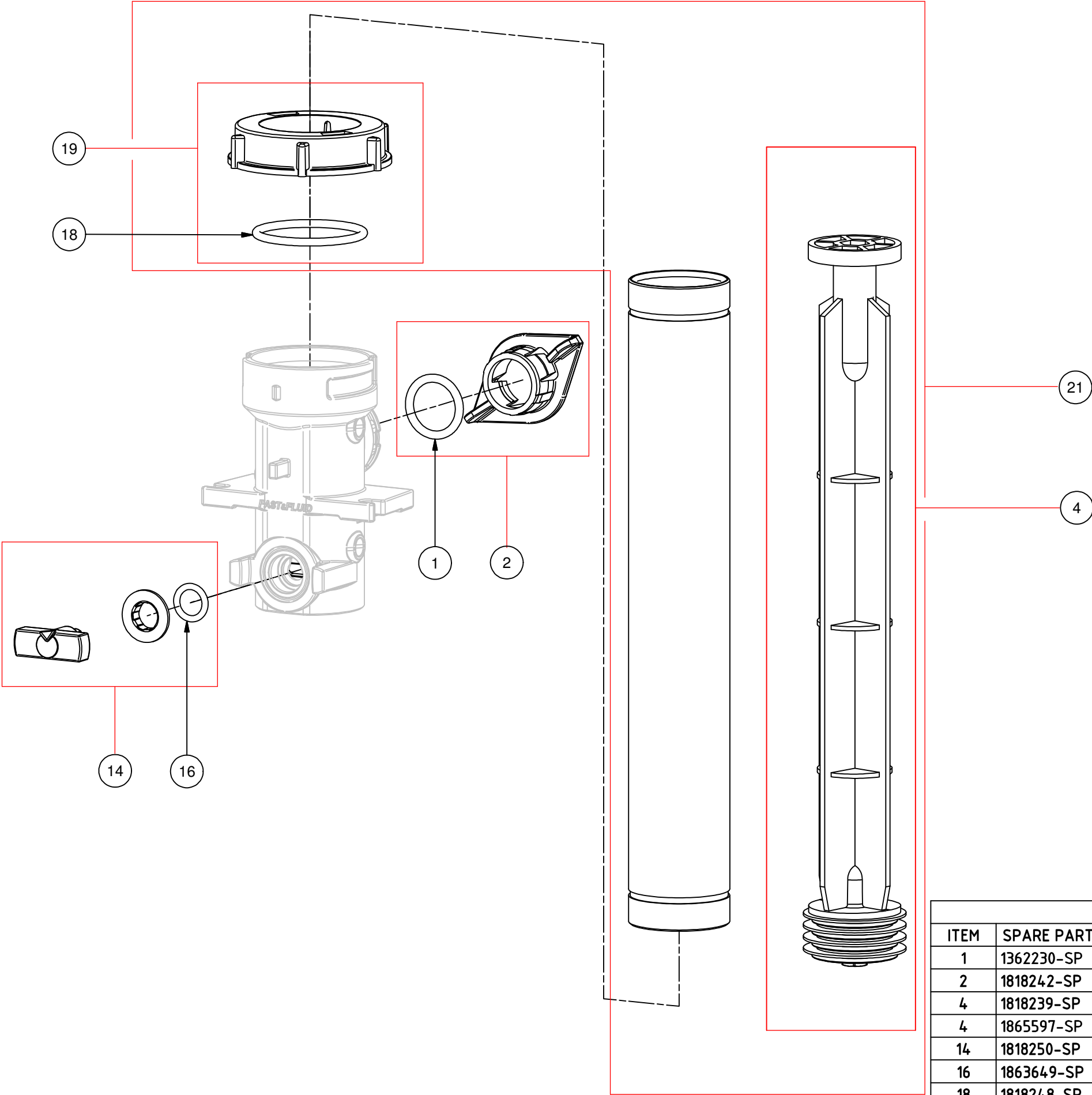
Pumps



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1818238-SP	Pump,Ballvalve,100ml	Page 7261
2	1819612-SP	Pump,Ballvalve,55ml,Sample	Page 7263
3	1819671-SP	Pump,Ballvalve,29ml	Page 7266
4	1830356-SP	Pump,Ballvalve,100ml,Hybrid	Page 7264 ; Replaces 1819922-SP
5	1820345-SP	Pump,Ballvalve,100ml,HP	Page 7265
6	1810605-SP	Plug,canister,16x35mm,set 5pcs	
7	1814138-SP	Tube,ø16x139,angle 16deg,HA	
7	1810592-SP	Tube,ø16x139.8,angle 7deg,HA	
7	1814135-SP	Tube,ø16x148.2,angle 27deg,HA	
7	1814136-SP	Tube,ø16x193.7,angle 10deg,HA	
7	1814139-SP	Tube,ø16x216,angle 4.5,HA	
8	1810574-SP	Tube,ø 16x 42.3,HA	
8	1805202-SP	Tube,ø16x 48.5,HA	
8	1810577-SP	Tube,ø16x 59.3,HA	
8	1810584-SP	Tube,ø16x 74.3,HA	
8	1810585-SP	Tube,ø16x 91.3,HA	
8	1810582-SP	Tube,ø16x117.3,HA	
8	1804333-SP	Tube,ø16x127,HA	
8	1810575-SP	Tube,ø16x134.3,HA	
8	1810576-SP	Tube,ø16x151.3,HA	
8	1810578-SP	Tube,ø16x173.3,HA	
8	1810580-SP	Tube,ø16x180.3,HA	
8	1810579-SP	Tube,ø16x190.3,HA	
8	1864579-SP	Tube,ø16x193.3,HA	
8	1810583-SP	Tube,ø16x232.3 HA	
8	1810589-SP	Tube,ø16x237.3,HA	
8	1810590-SP	Tube,ø16x254.3,HA	
8	1810586-SP	Tube,ø16x263.3,HA	
8	1810588-SP	Tube,ø16x316.3,HA	
8	1810591-SP	Tube,ø16x333.3,HA	
9	1818742-SP	Key,ring,pump	

7261

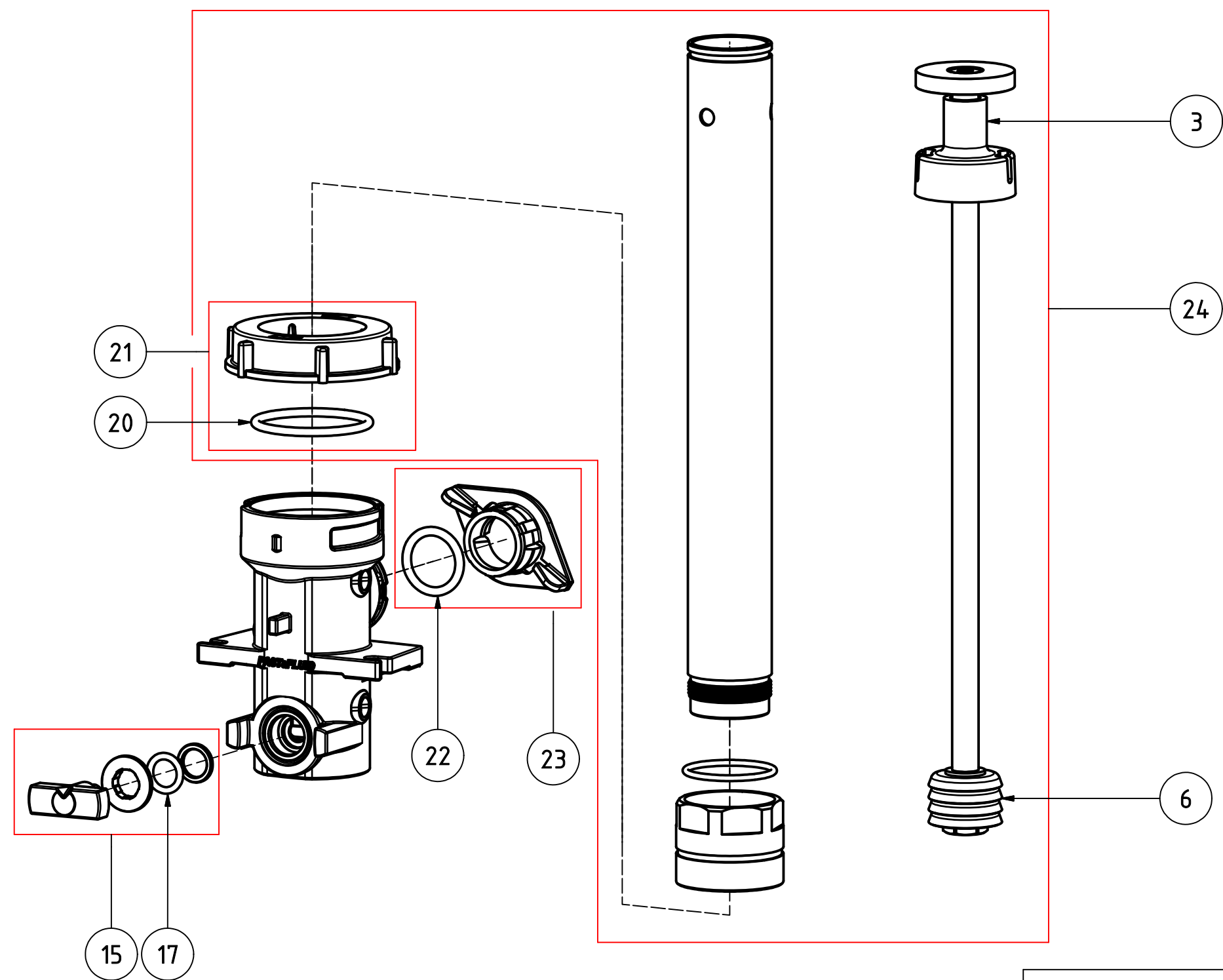
Pump,Ballvalve,100ml 1818238



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1362230-SP	O-ring,can,vit,15.88x2.62 10st	
2	1818242-SP	Tube clip, 16mm (set 5pcs)	
4	1818239-SP	Pistonrod, incl. teflon (set 10pcs)	
4	1865597-SP	Pistonrod, incl. teflon (set 100pcs)	
14	1818250-SP	lever, valve (set 5pcs)	
16	1863649-SP	O-ring,8,5x2,lever,ballv,10pcs	
18	1818248-SP	O-ring,32x2.5 (10 pcs)	
19	1818240-SP	Ring,tube,100ml, (set 5pcs)	
21	1819166-SP	Pumptube,100ml,compl.(set 1pc)	

7263

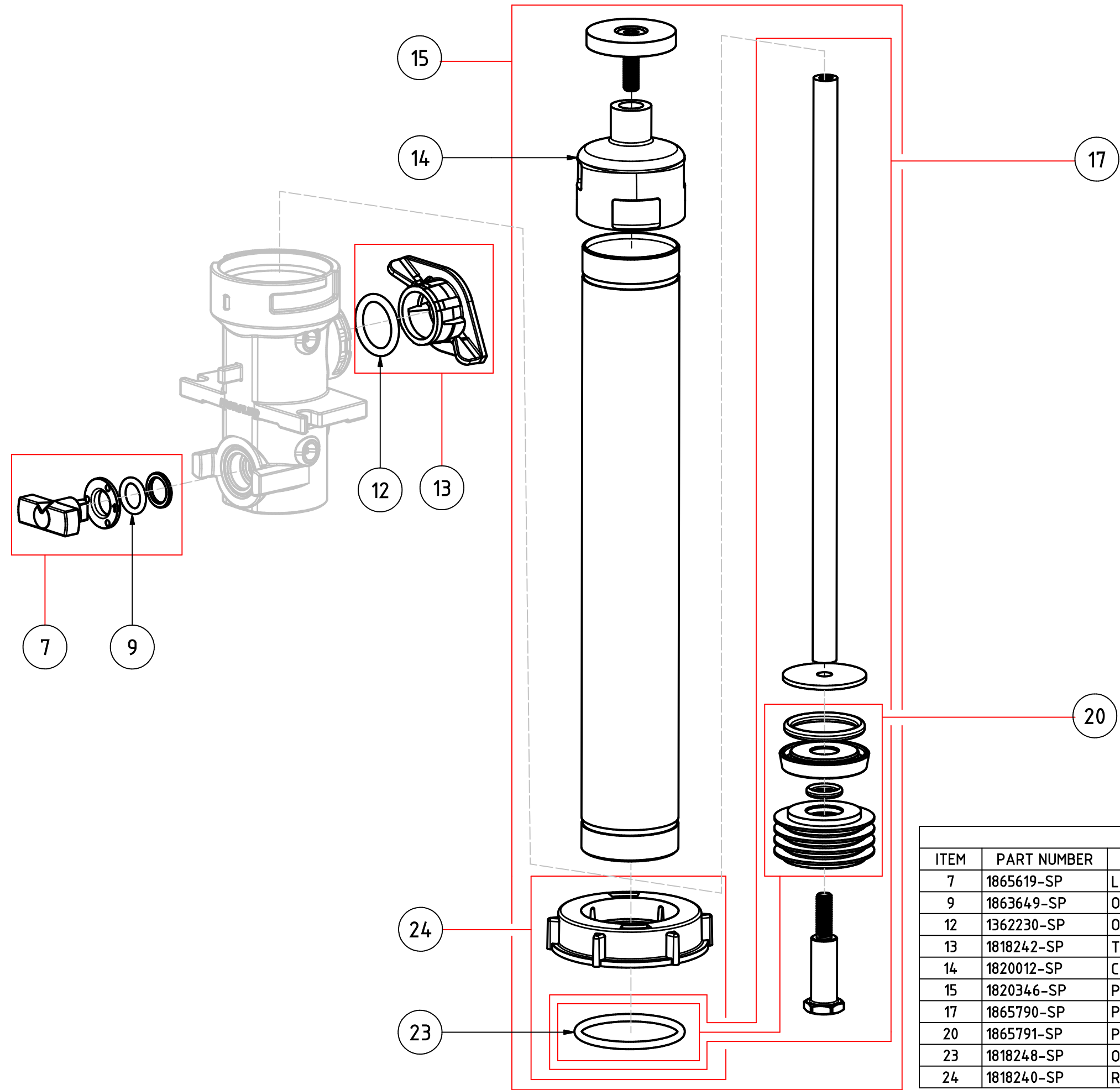
Pump,Ballvalve,55ml,Sample 1819612-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
3	1813428-SP	cap,tube,2-oz,5pcs	
6	1820004-SP	Piston,55ml,Sample (set 5pcs)	
15	1865619-SP	lever,valve (set 5pcs)	
17	1863649-SP	O-ring,8,5x2,lever,ballv,10pcs	
20	1818248-SP	O-ring,32x2.5 (10 pcs)	
21	1818240-SP	Ring,tube,100ml, (set 5pcs)	
22	1362230-SP	O-ring,can,vit,15.88x2.62 10st	
23	1818242-SP	Tube clip, 16mm (set 5pcs)	
24	1865739-SP	Pumptube,assy,55ml,sample disp	

7264

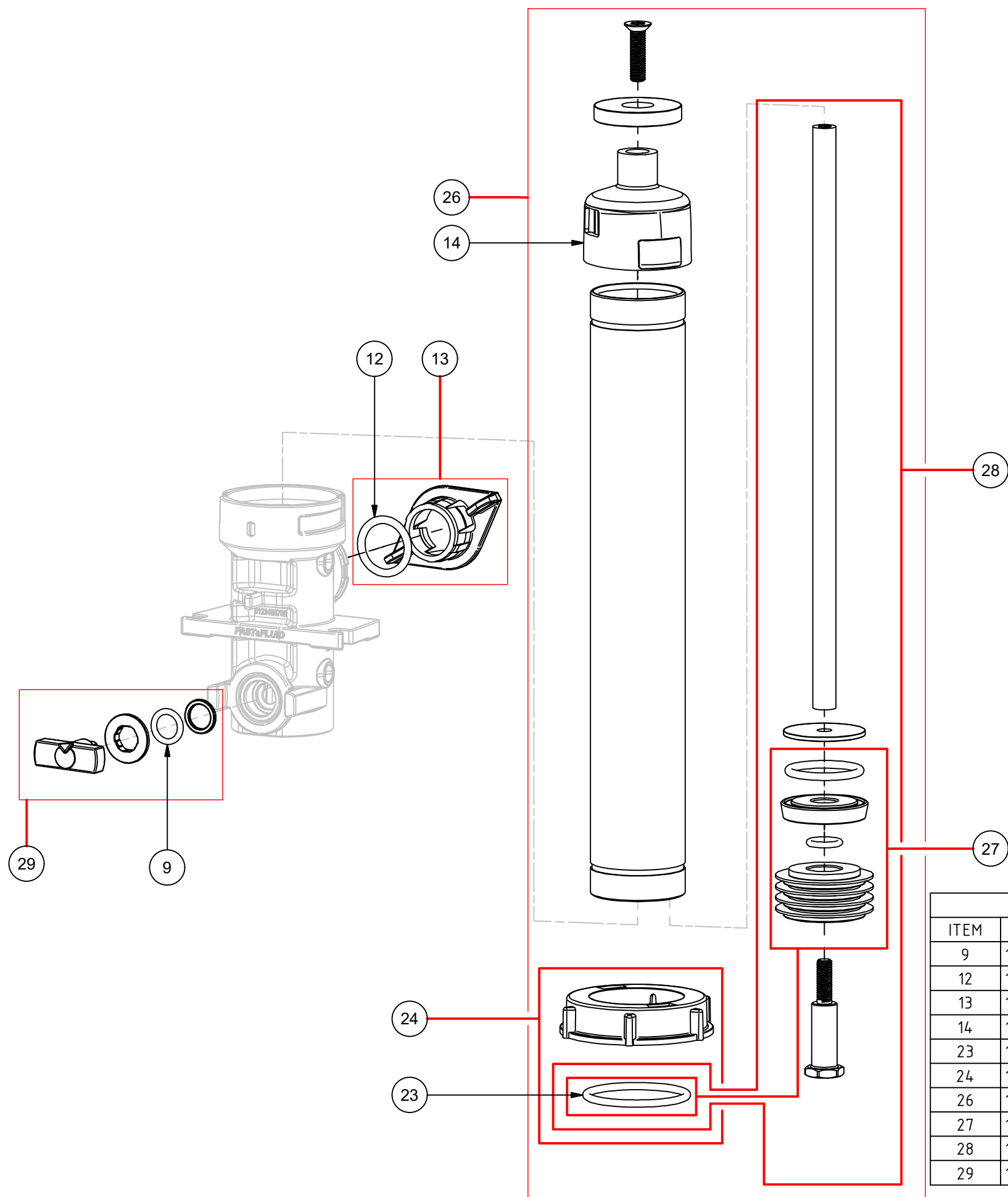
Pump,Ballvalve,100ml hybrid 1830356 -SP



PARTS LIST				
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QTY
7	1865619-SP	Lever, valve, industr (set 5 pcs)		1
9	1863649-SP	O-ring, 8.5x2, lever, ballv, 10pcs		1
12	1362230-SP	O-ring, can, vit, 15.88x2.62, 10pcs		1
13	1818242-SP	Tube clip, 16mm (set 5pcs)		1
14	1820012-SP	Cap, tube, industrial (set 5pcs)		1
15	1820346-SP	Pumptube, 100ml, HPP, compl (set 1pc)		1
17	1865790-SP	Piston, rod, assy, 100ml, HPP		1
20	1865791-SP	Piston, 100ml, HPP (set 5pcs)		1
23	1818248-SP	O-ring, 32x2.5 (10pcs)		1
24	1818240-SP	Ring, tube, 100ml (set 5pcs)		1

7265

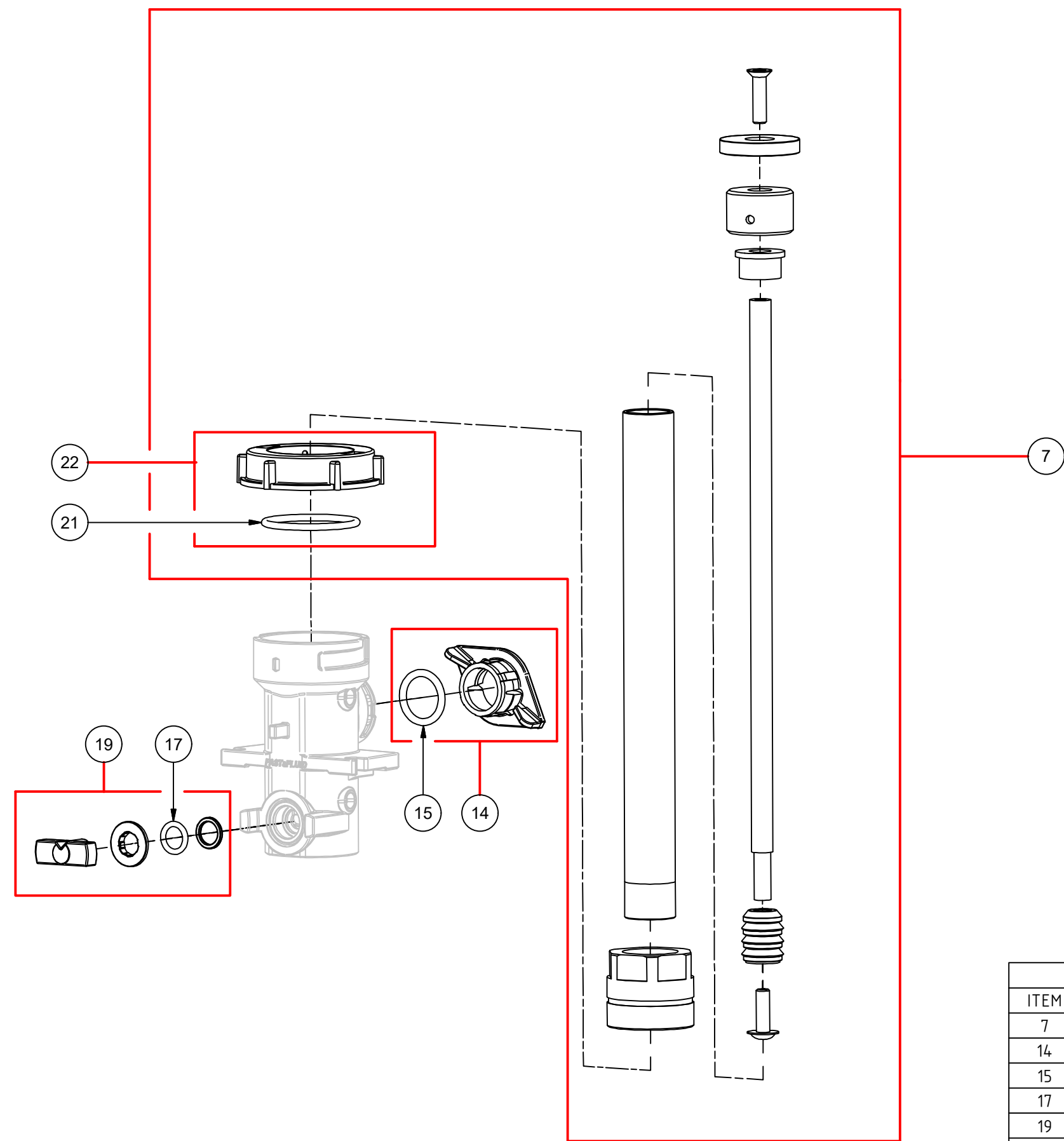
Pump,Ballvalve,100ml high performance 1820345-SP



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
9	1863649-SP	O-ring,8,5x2,lever,ballv,10pcs	
12	1362230-SP	O-ring,can,vit,15.88x2.62 10st	
13	1818242-SP	Tube clip, 16mm (set 5pcs)	
14	1820012-SP	Cap,tube,industrial (set 5pcs)	
23	1818248-SP	O-ring,32x2.5 (10 pcs)	
24	1818240-SP	Ring,tube,100ml, (set 5pcs)	
26	1820346-SP	Pumptube,100ml,HPP,compl.(set 1pc)	
27	1865791-SP	Piston,100ml,HPP (set 5pcs)	
28	1865790-SP	Piston,rod,assy,100ml,HPP	
29	1865619-SP	Lever,valve,industr(set 5 pcs)	

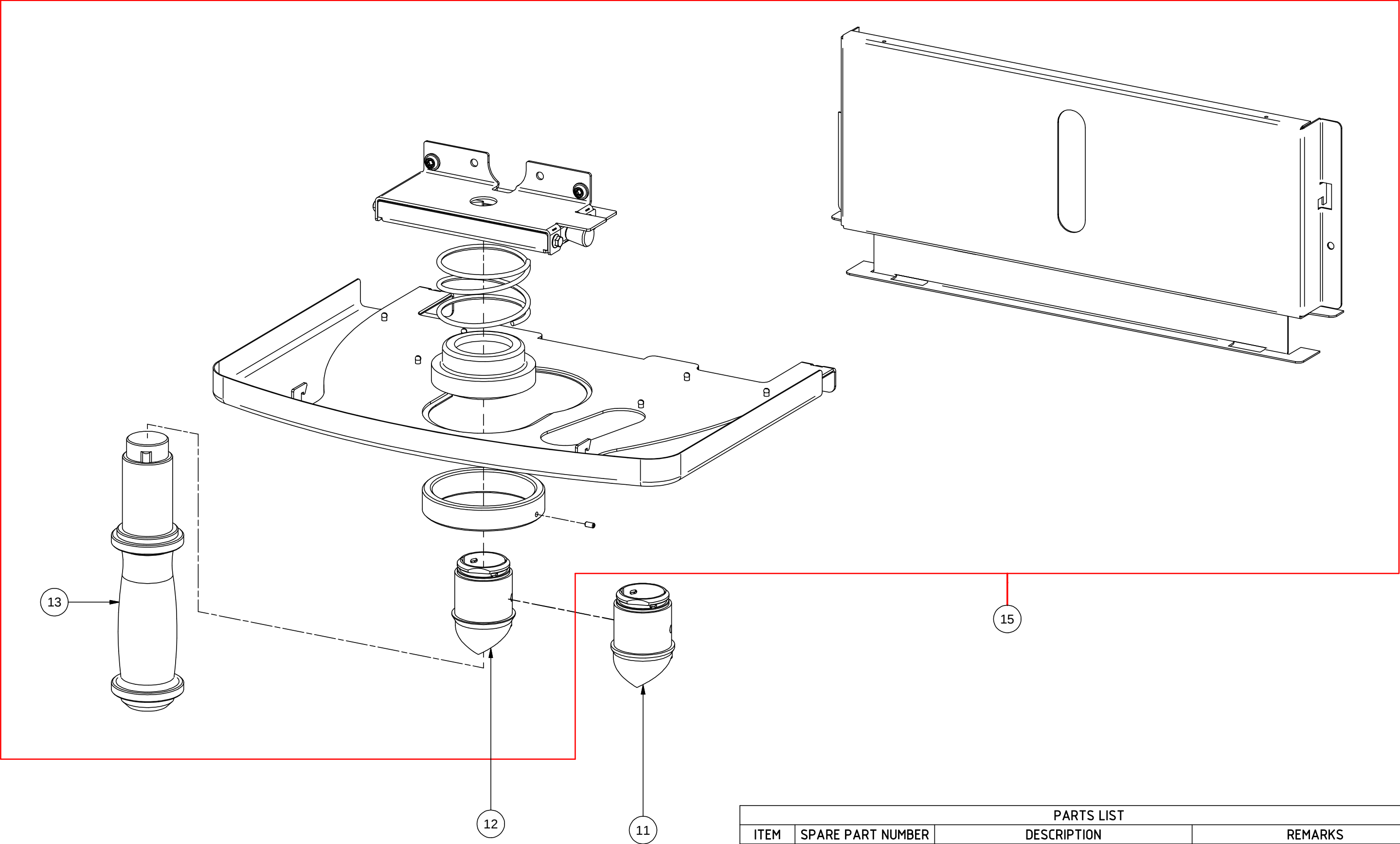
7266

Pump,Ballvalve,29ml,Sample 1819671



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
7	1819668-SP	Pumptube,29ml,compl.(set 1pc)	
14	1818242-SP	Tube clip, 16mm (set 5pcs)	
15	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
17	186364-9-SP	O-ring,8,5x2,lever,ballv,10pcs	
19	1865619-SP	lever, valve (set 5pcs)	
21	1818248-SP	O-ring,32x2.5 (10 pcs)	
22	1818240-SP	Ring,tube,100ml, (set 5pcs)	

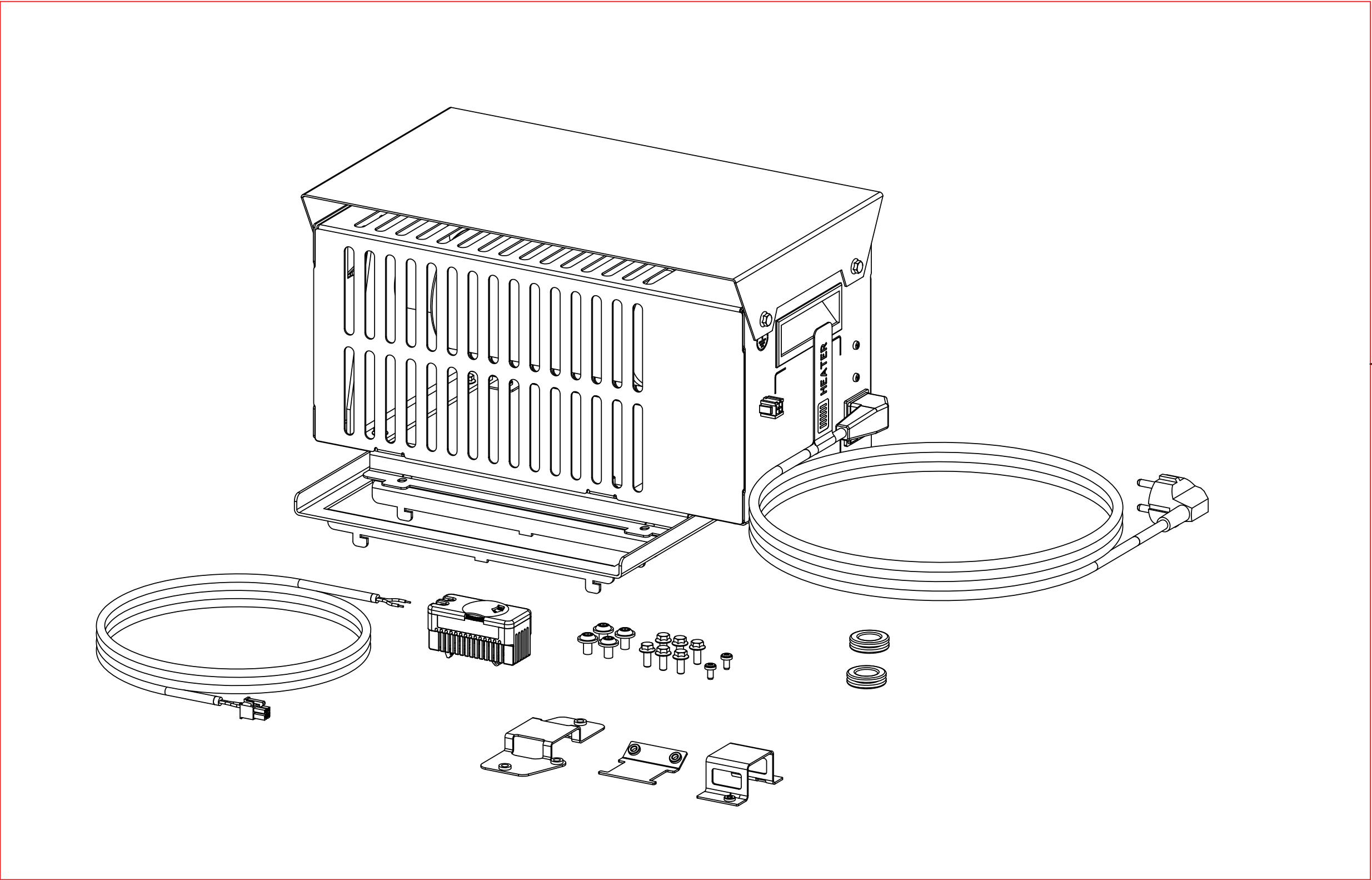
7271-B Punch



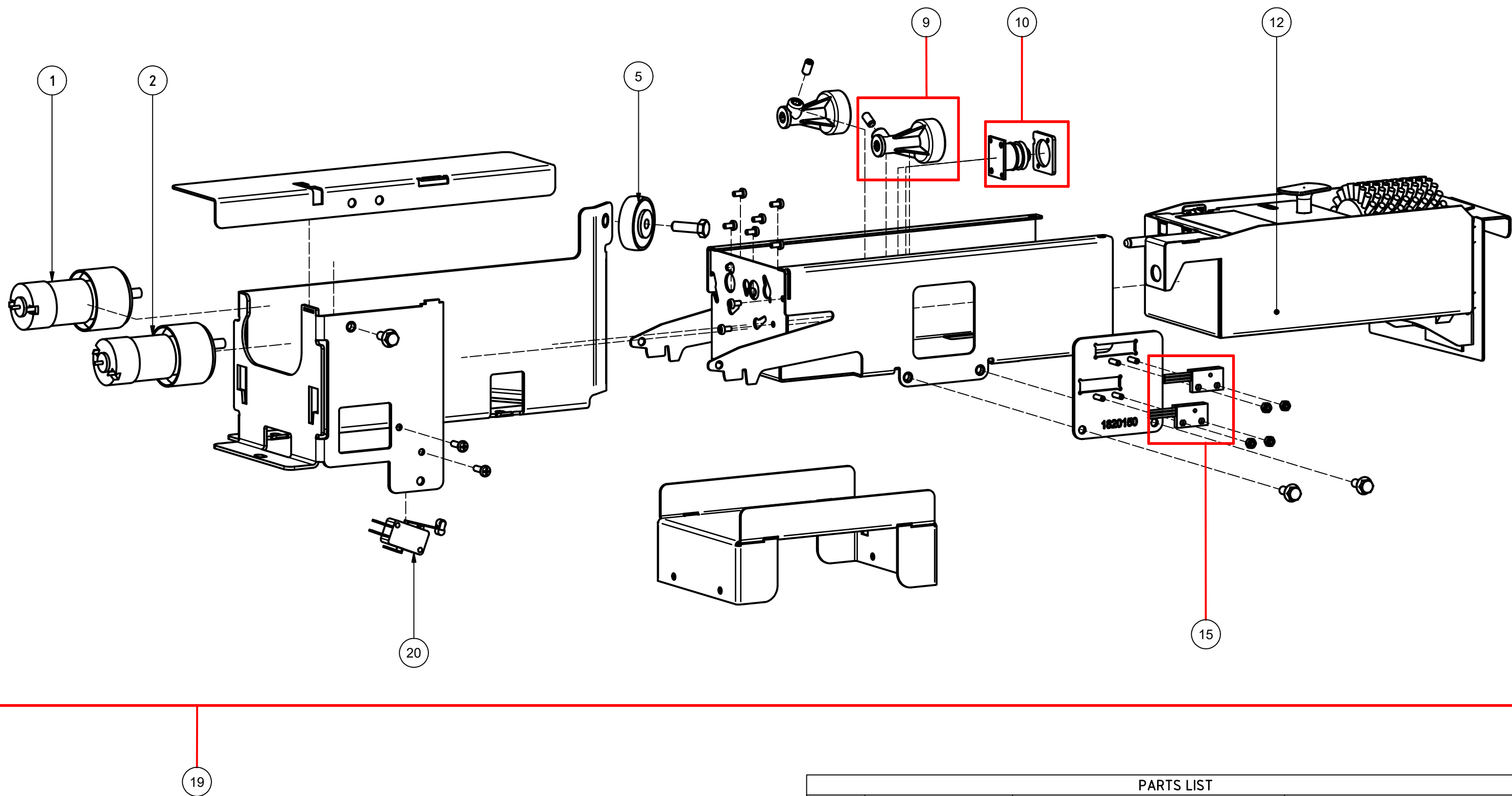
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
11	1819639-SP	Blade,punch,48mm,2pcs	
12	1819370-SP	Blade,punch,46mm,2pcs	
13	1819362-SP	tool,punch,HA,HP	
15	1819009-SP	Electric punch HA480, complete	

7275

Heating module 1819274-SP



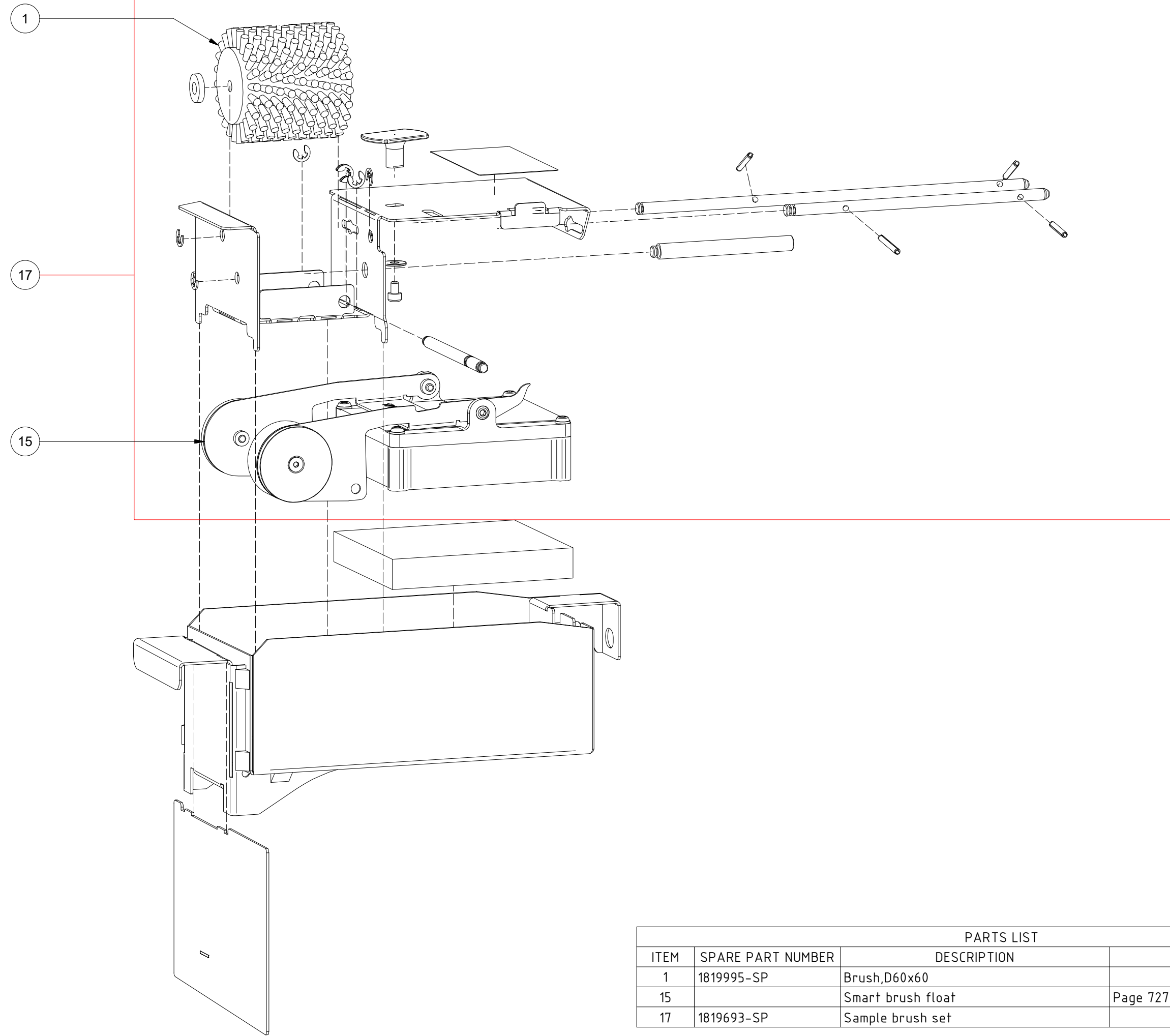
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
12	1819274-SP	Heating module	



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1863862-SP	Motor micro,158-24-200	
2	1862721-SP	Motor,micro,158-24-100	
5	1862422-SP	Wheel,traversing,centric,35mm	
9	1818735-SP	Coupling,fork,brush(set 1pc)	
10	1818541-SP	Latch,push-in/out	
12		Smart brush container	Page 7278
15	1820152-SP	Sensors set (2pcs)	
20	1160200-SP	Switch,micro,V-166-105(R)	
19	1819942-SP	Brush,Sample Dispenser	

7278

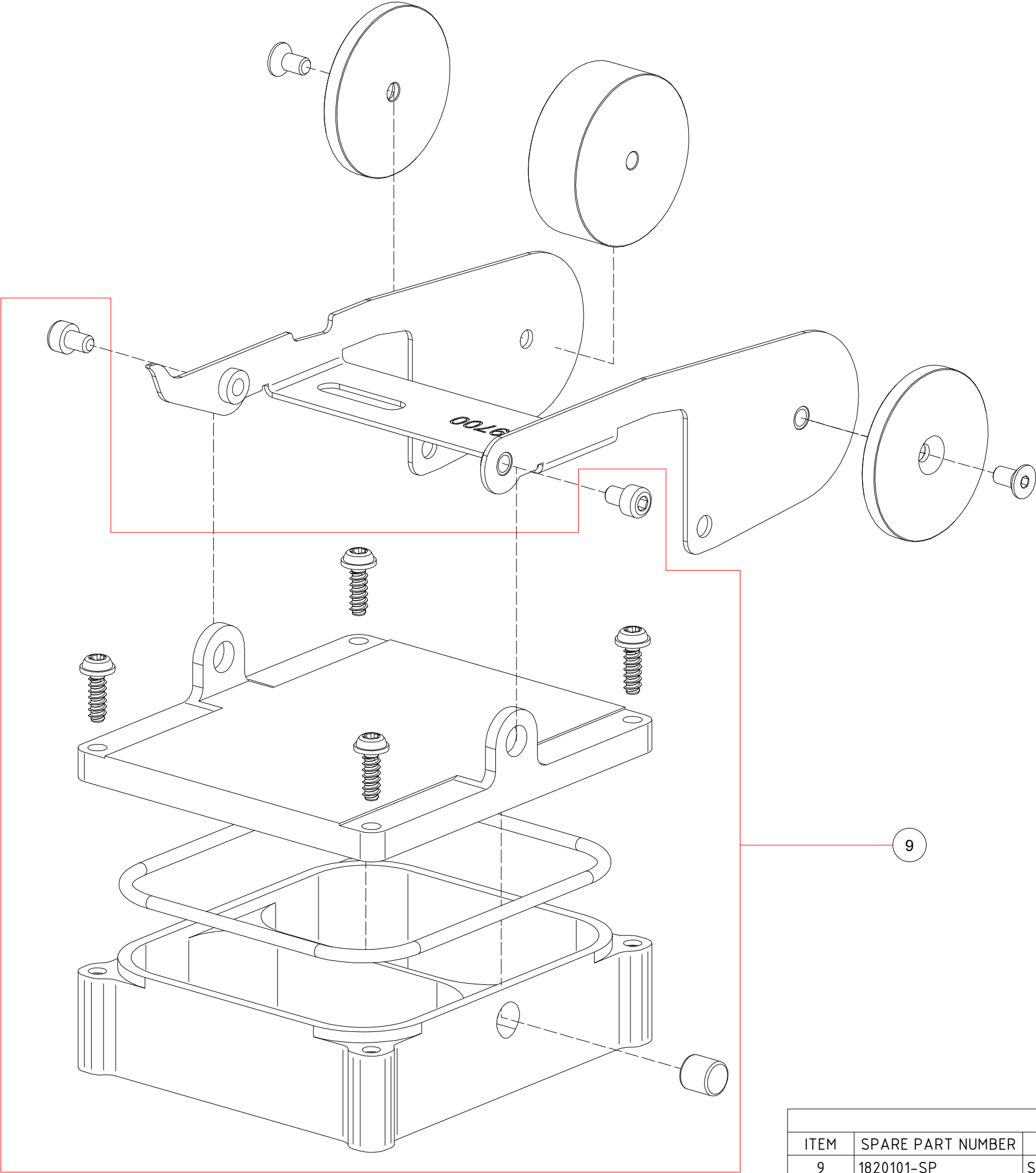
Sample brush container



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1819995-SP	Brush,D60x60	Page 7279
15		Smart brush float	
17	1819693-SP	Sample brush set	

7279

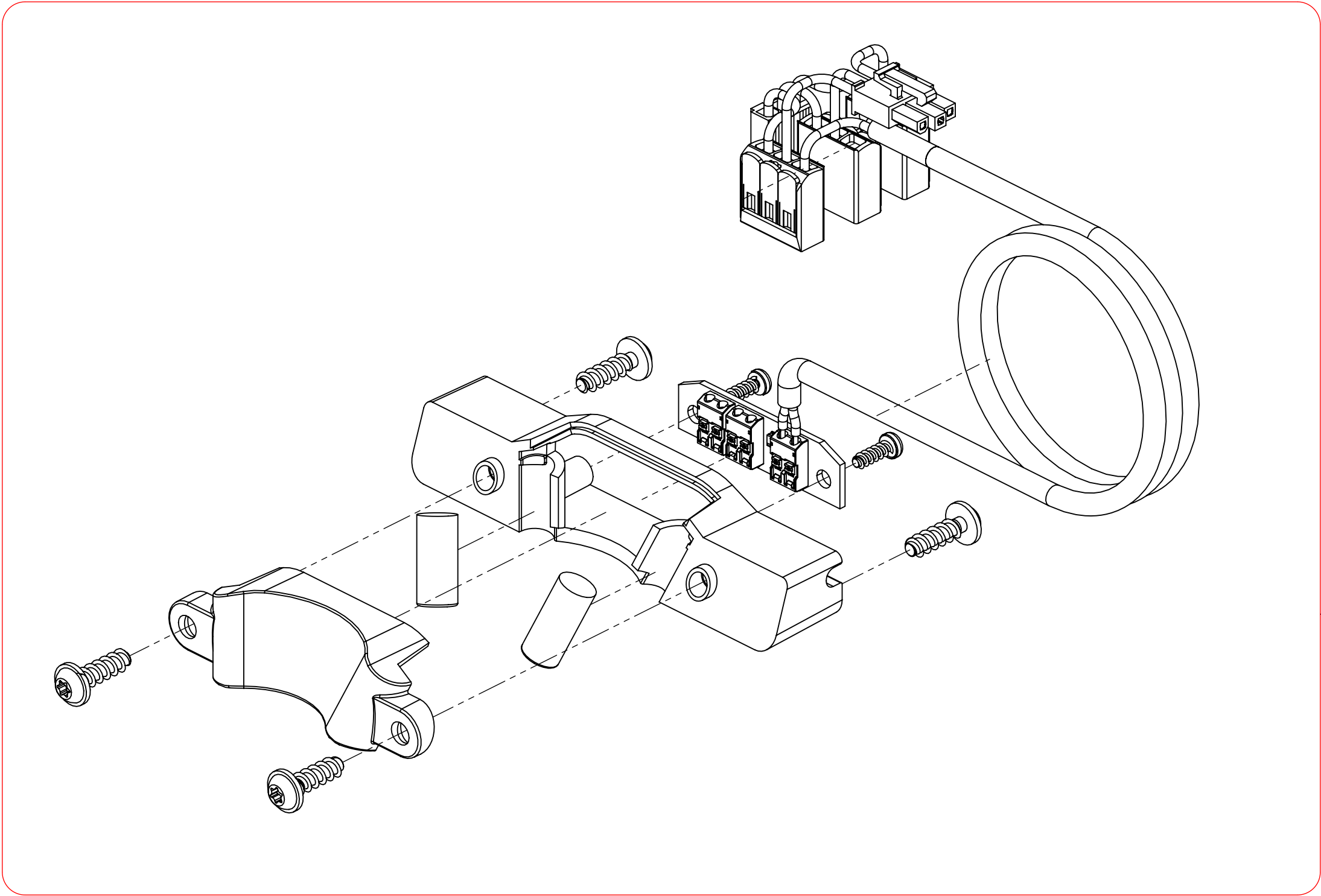
Sample brush float



PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
9	1820101-SP	Sample brush float set	

7280

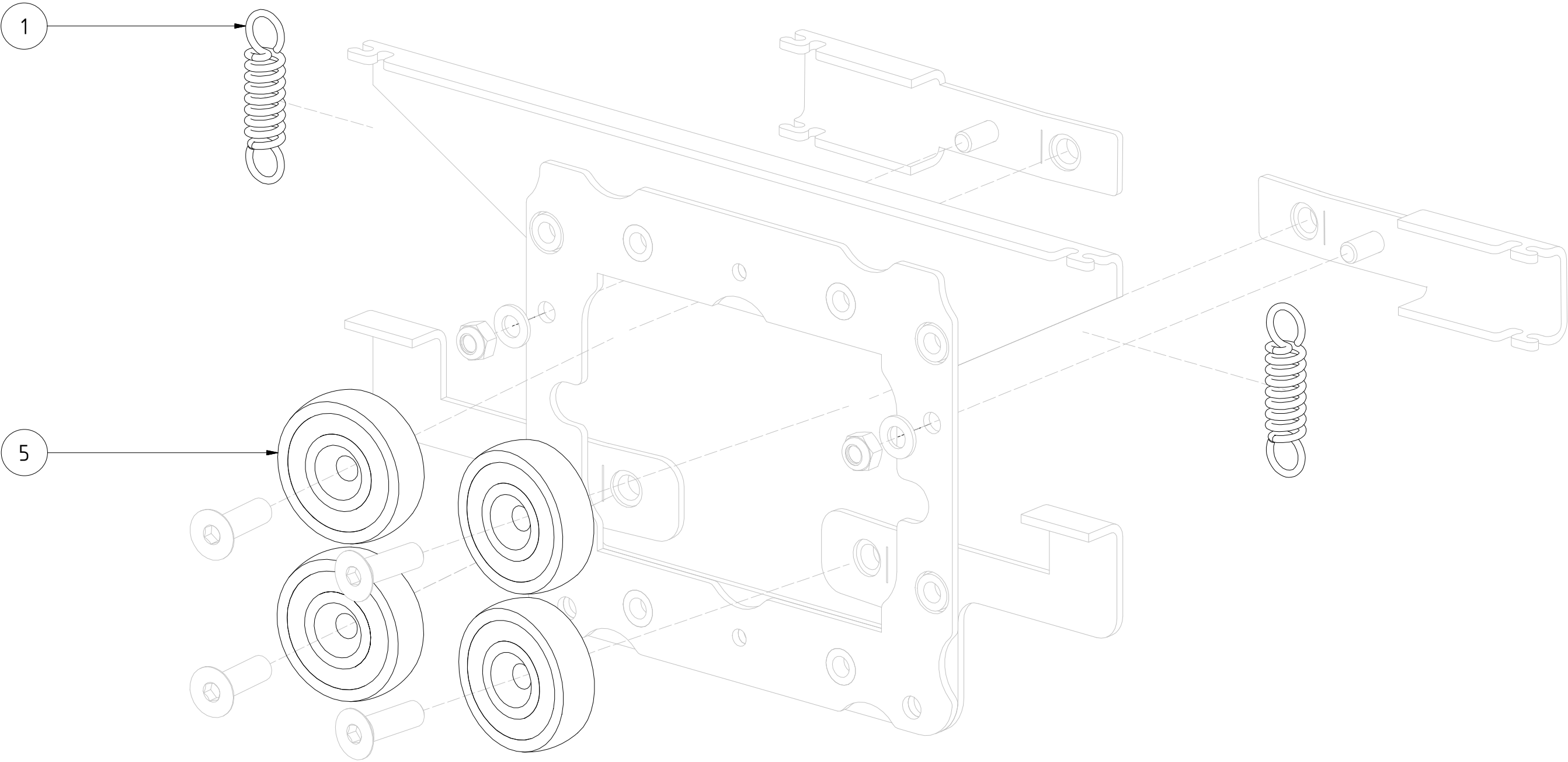
Can Positioning Light



SPARE PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820312-SP	CPL, HAx80	

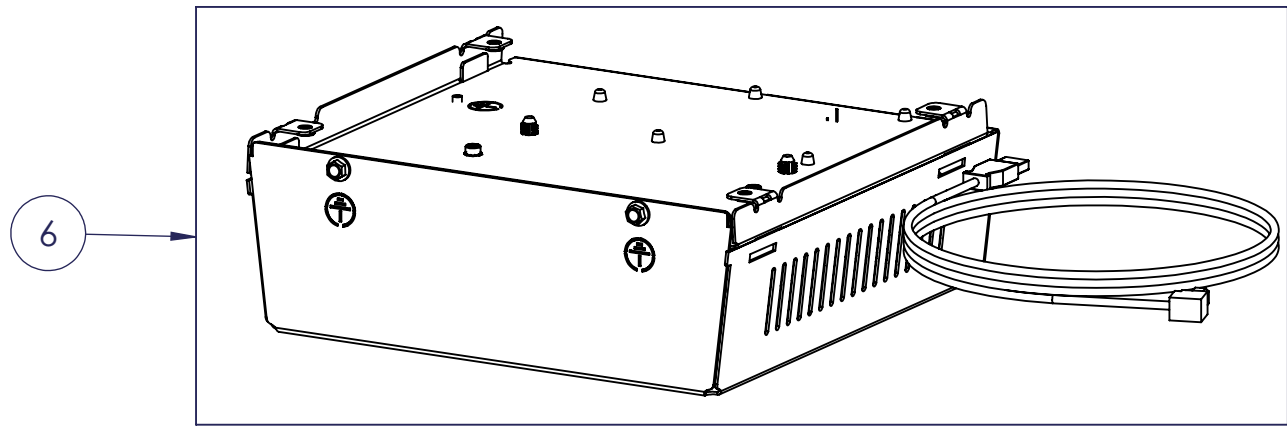
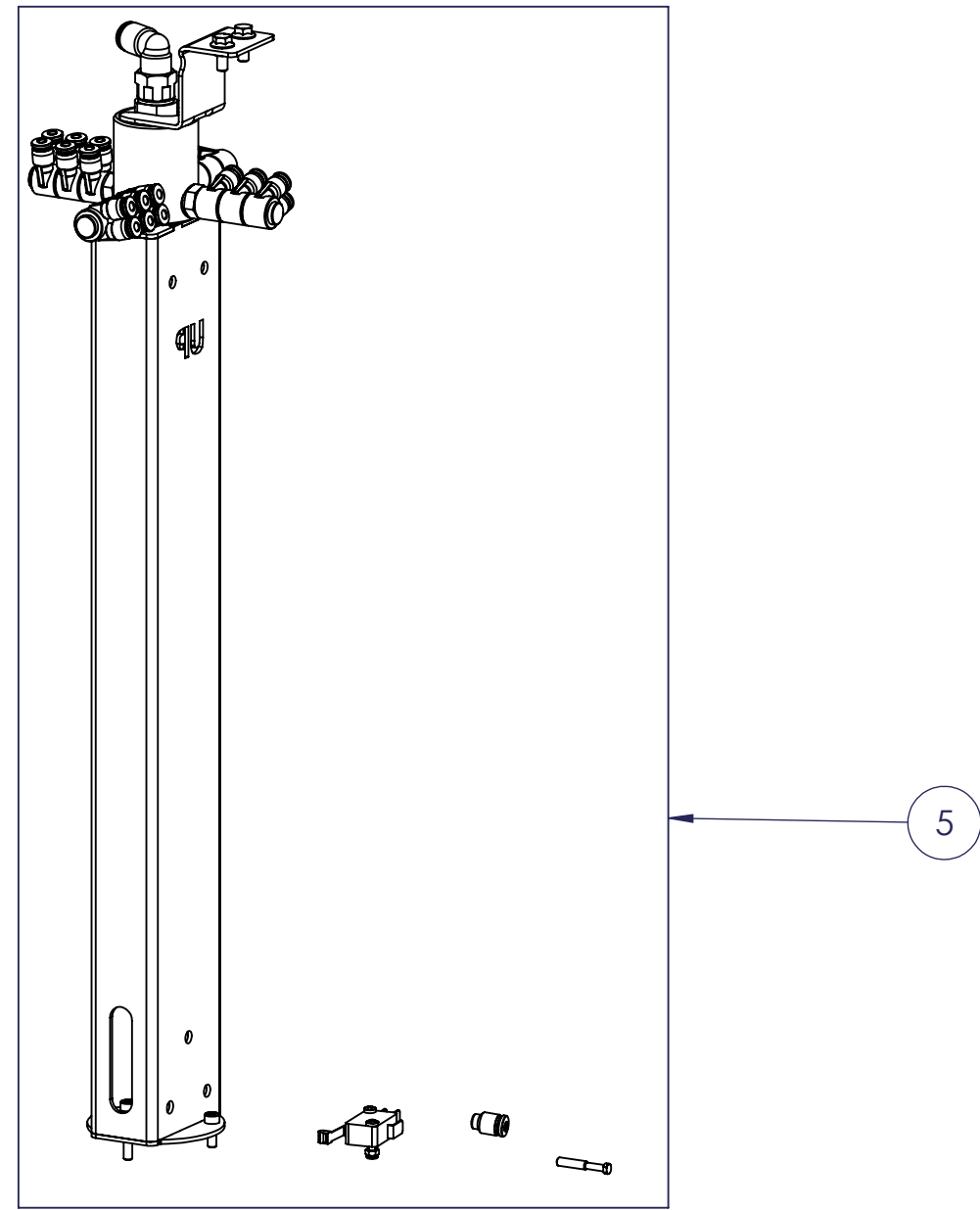
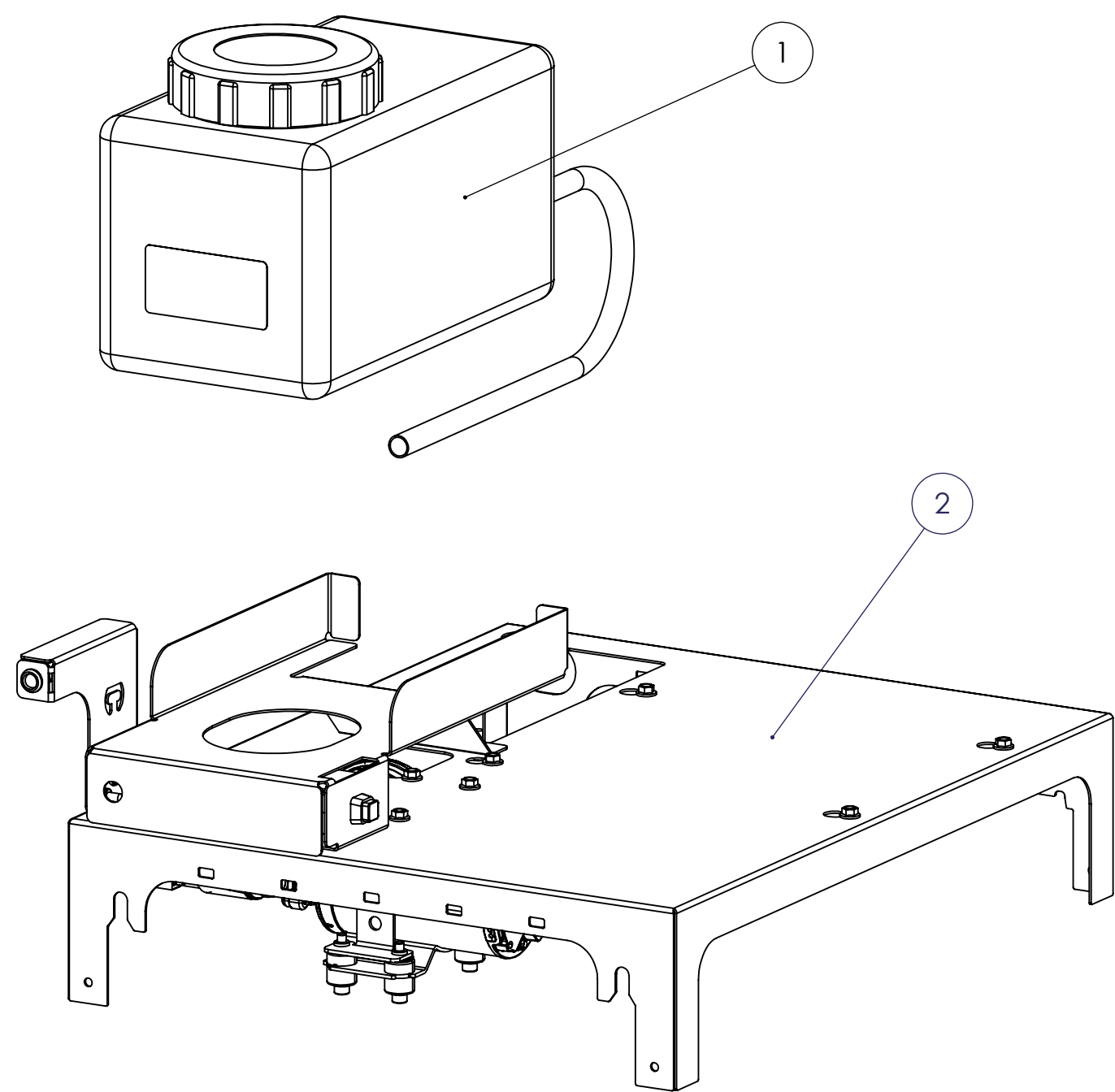
7281

Sample, bearing plate, valve motor



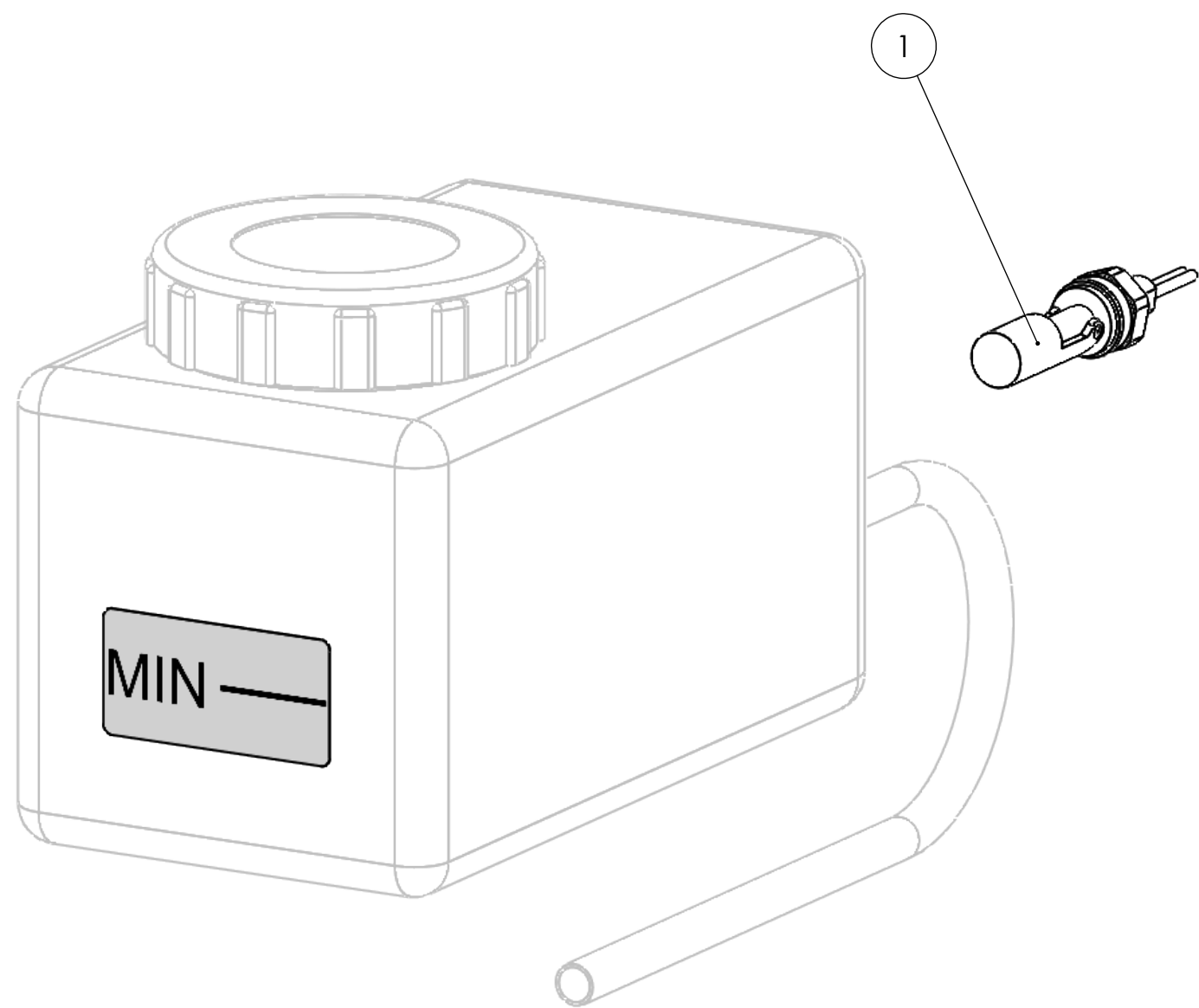
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
1	1820536-SP	Spring (set 2pcs)	
5	1818698-SP	Wheel,asymmetric,35mm(set 4pcs)	

7282 Spray conditioning



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1		Tank, Spray control unit	Page 7282-01
2		Spray unit pre-assembly	Page 7282-02
3	1820875-SP	Spray adapter,95,compl.	Page 7282-03
4	1820876-SP	Spray adapter,129,compl.	Page 7282-04
5		Spray support parts	Page 7282-05
6		Spray controlbox module	Page 7282-06

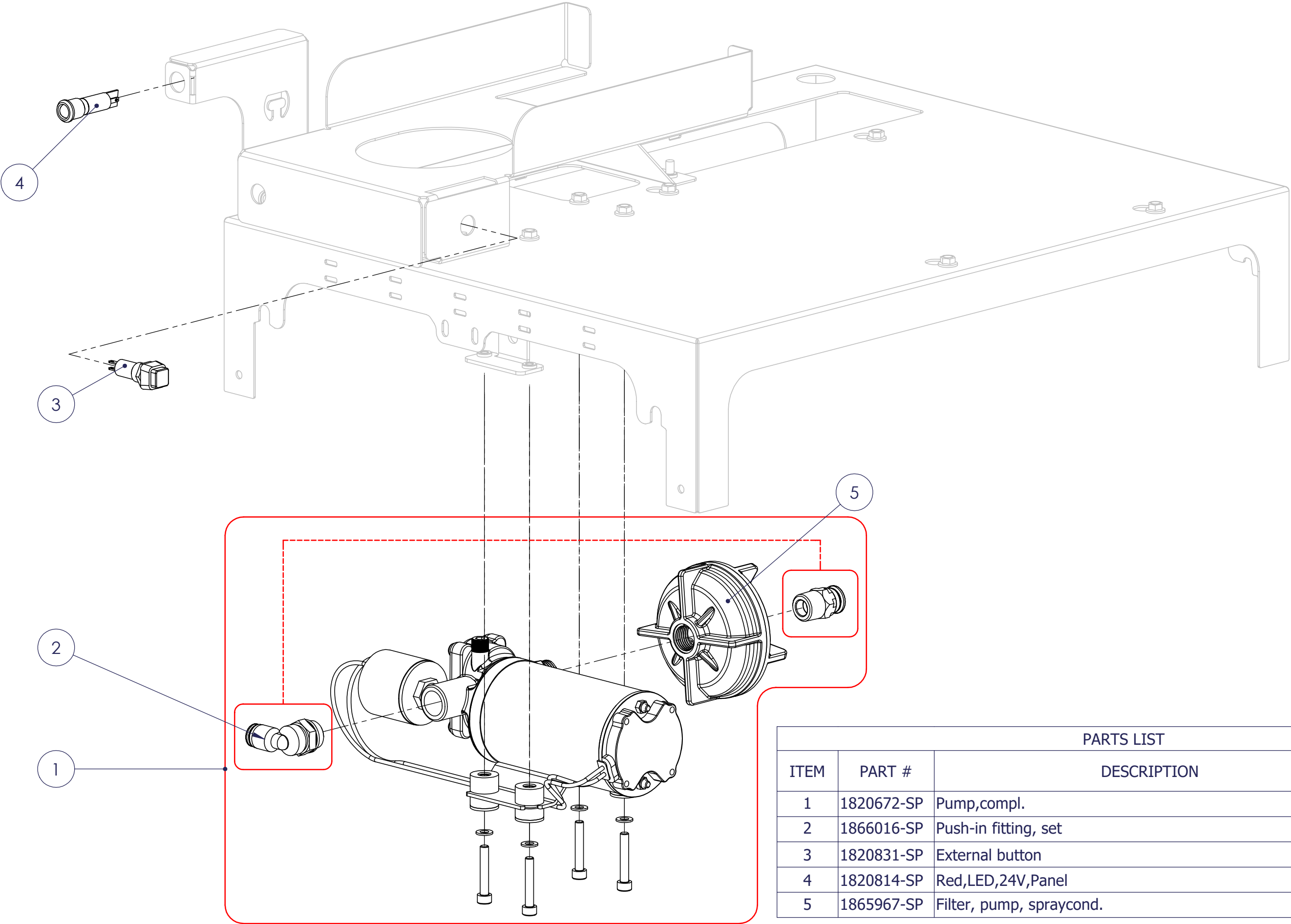
7282-01 Tank, Spray control unit



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820789-SP	Float switch, spray tank	

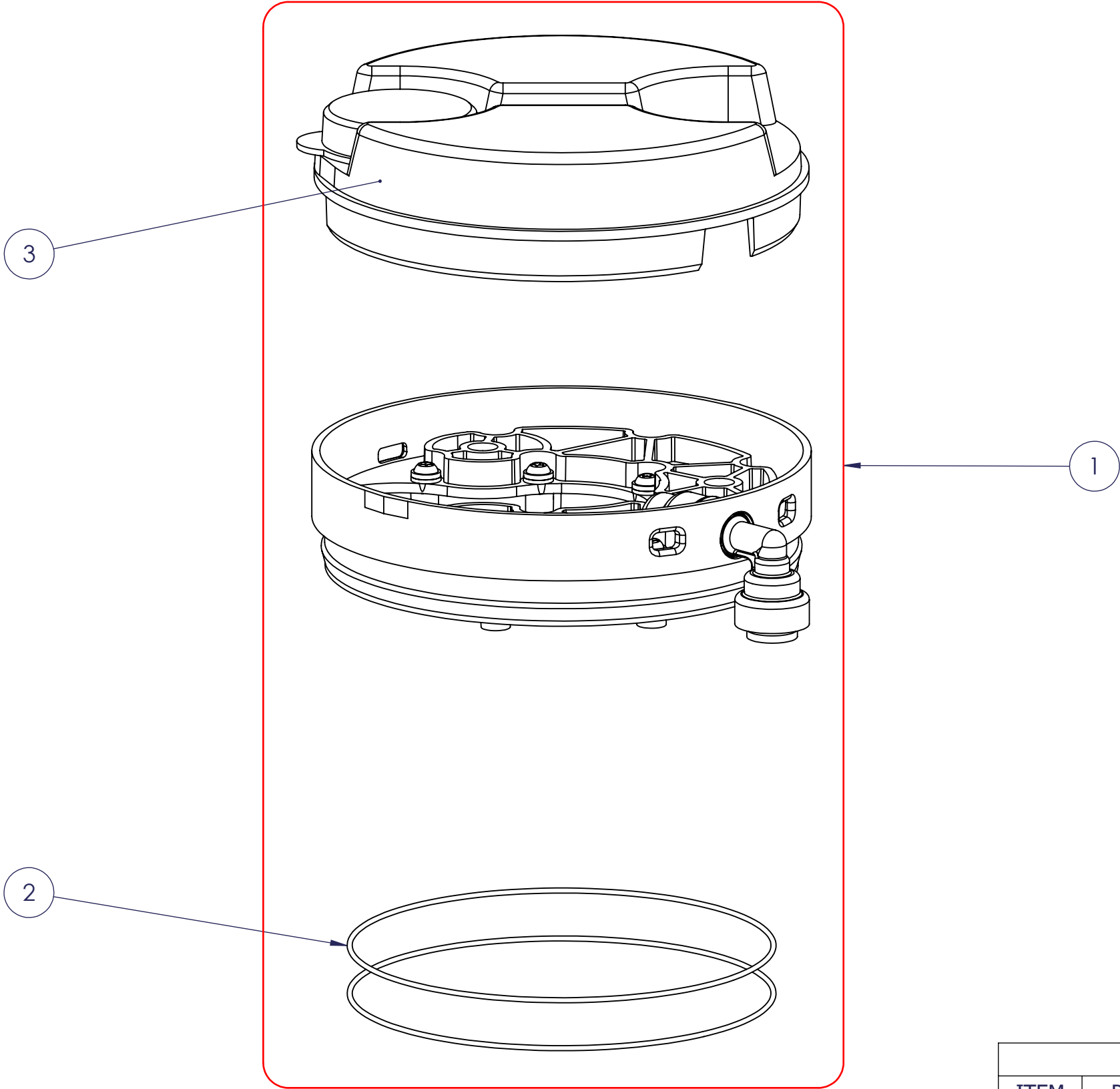
7282-02-B Spray unit pre-assembly

From W25, 2023, S.N.1140733



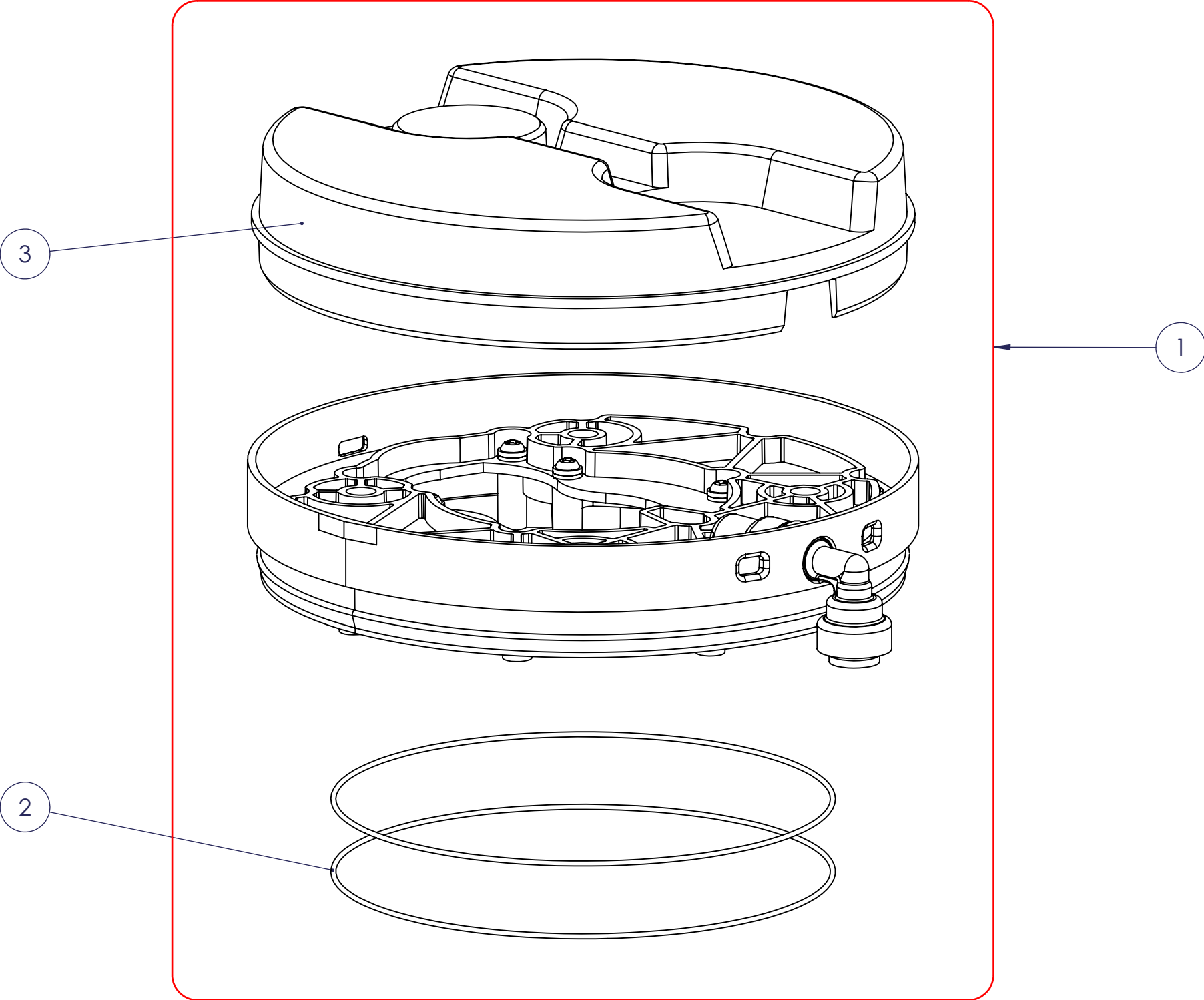
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820672-SP	Pump,compl.	
2	1866016-SP	Push-in fitting, set	
3	1820831-SP	External button	
4	1820814-SP	Red,LED,24V,Panel	
5	1865967-SP	Filter, pump, spraycond.	

7282-03 Spray adapter,95



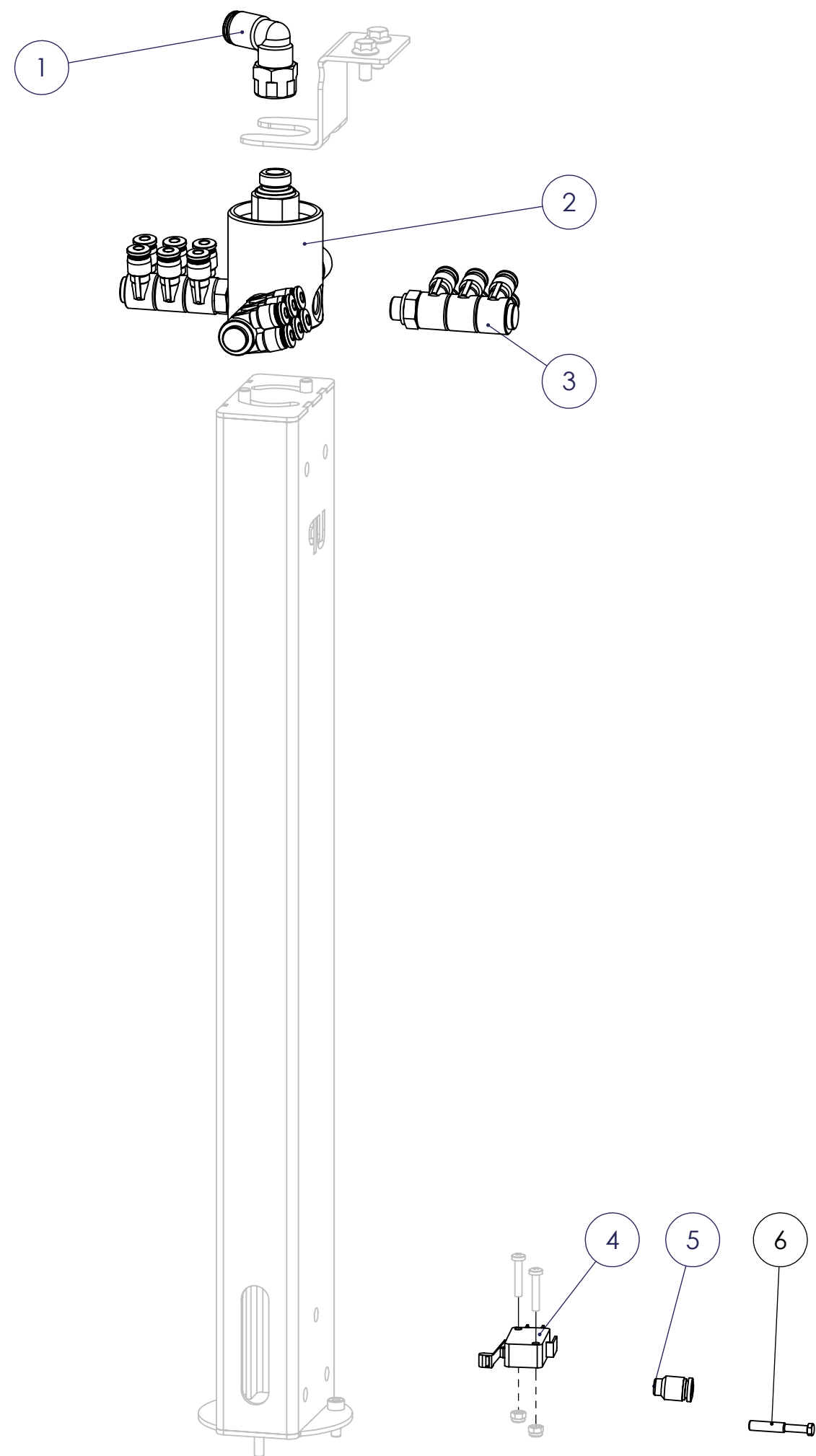
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820875-SP	Spray adapter,95,compl.	
2	1820872-SP	O-ring,Ø83x1,NBR-36624,4 pcs	
3	1820843-SP	Dockingstation95	

7282-04 Spray adapter,129



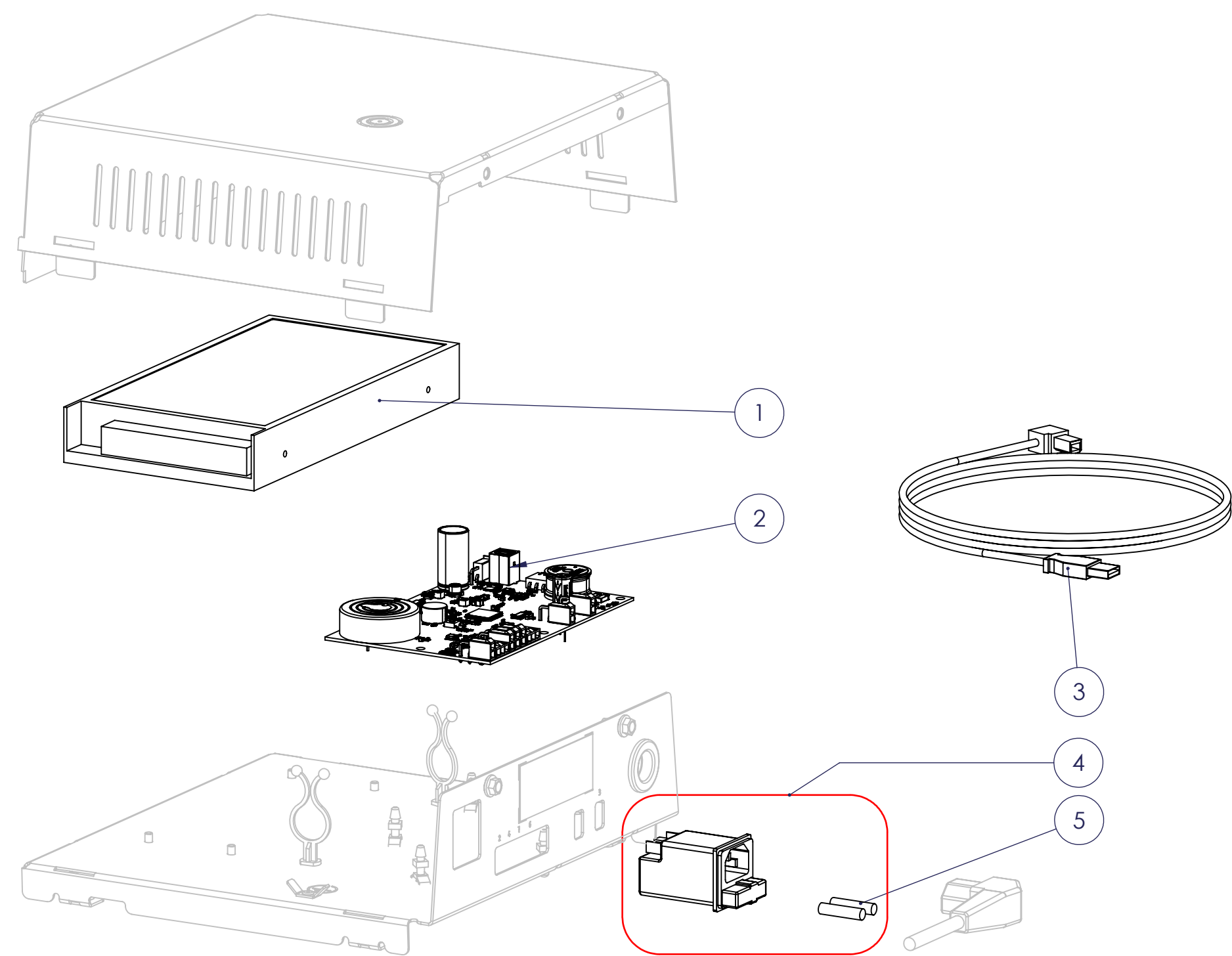
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820876-SP	Spray adapter,129,compl.	
2	1820873-SP	O-ring,Ø98x1,NBR-36624_4 pcs	
3	1820844-SP	Dockingstation129	

7282-05 Spray support parts



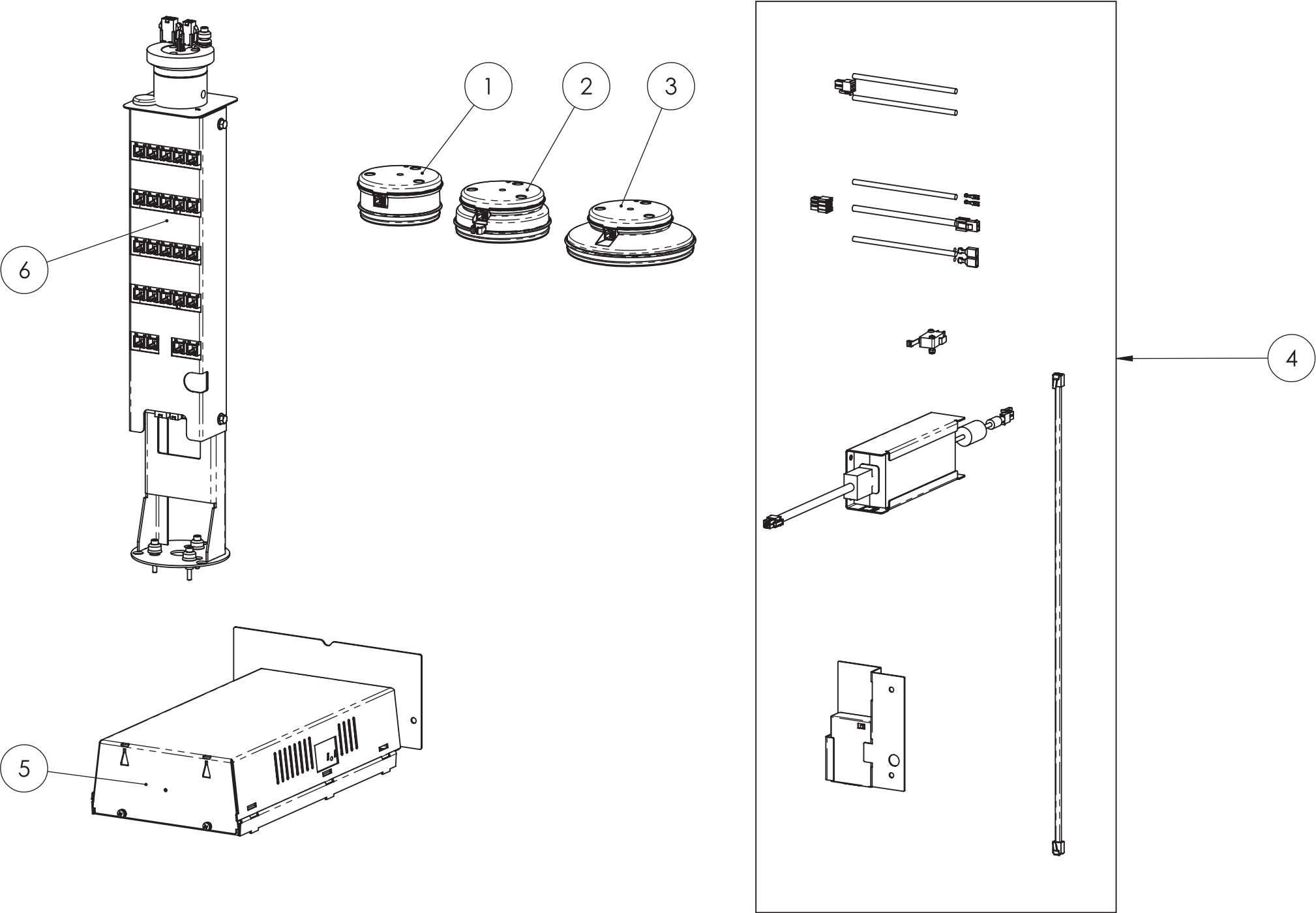
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820707-SP	L-Plug-in screw,QSLF-G1-4-8_2pcs	
2	1820668-SP	Rotary distributor	
3	1820684-SP	Multiple dividers	
4	1160200-SP	Switch,micro,V-166-1C5	
5	1865922-SP	Push-in cap QSC-4_5pcs	
6	1820893-SP	Spray,blind stop,4mm_5pcs	

7282-06 Spray controlbox module



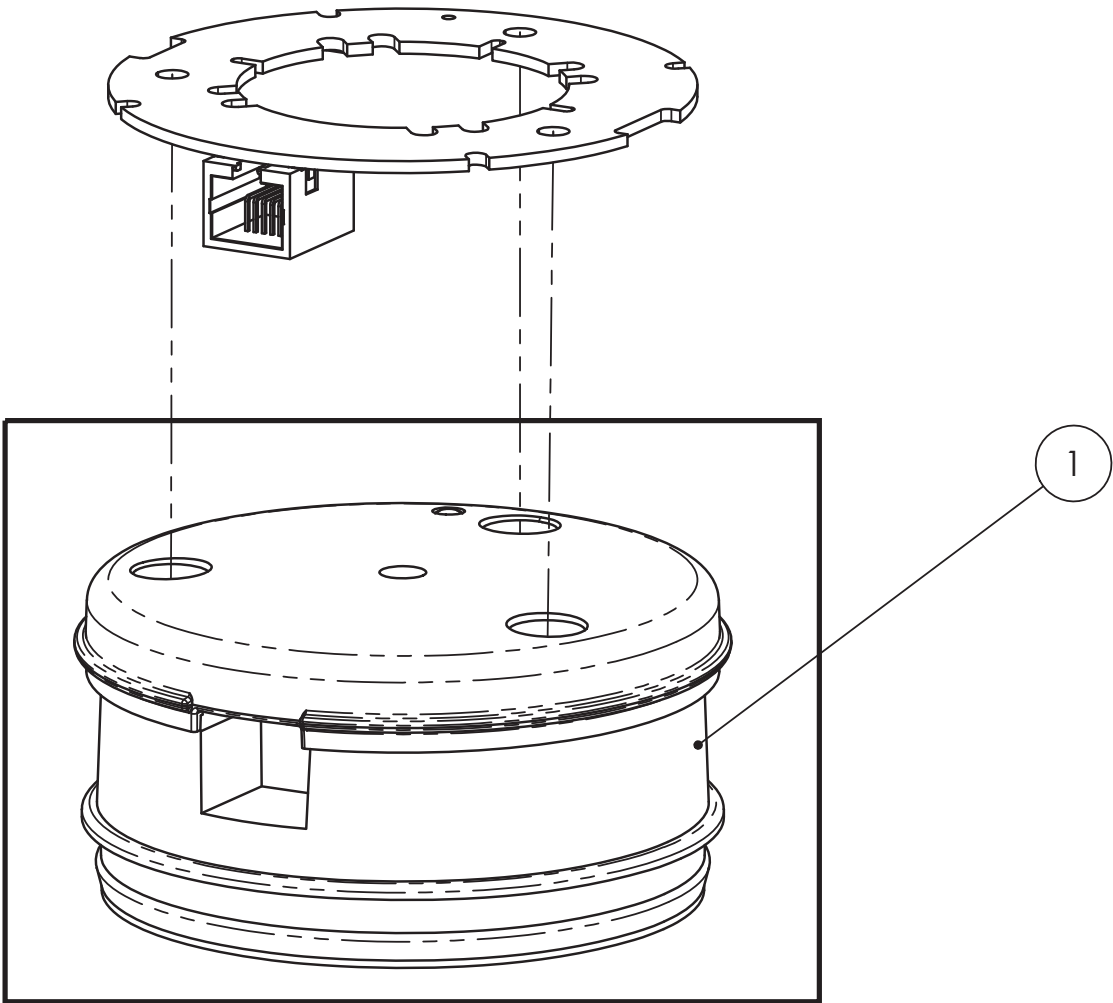
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1818363-SP	Powersupply	
2	1820813-SP	Controlboard,Spray	
3	1818236-SP	Cable,USB A-B angl,1.8m	
4	1818326-SP	Net entry-line filter	
5	1602782-SP	Fuse T10A, set 10 pcs	

7283 UVC Conditioning



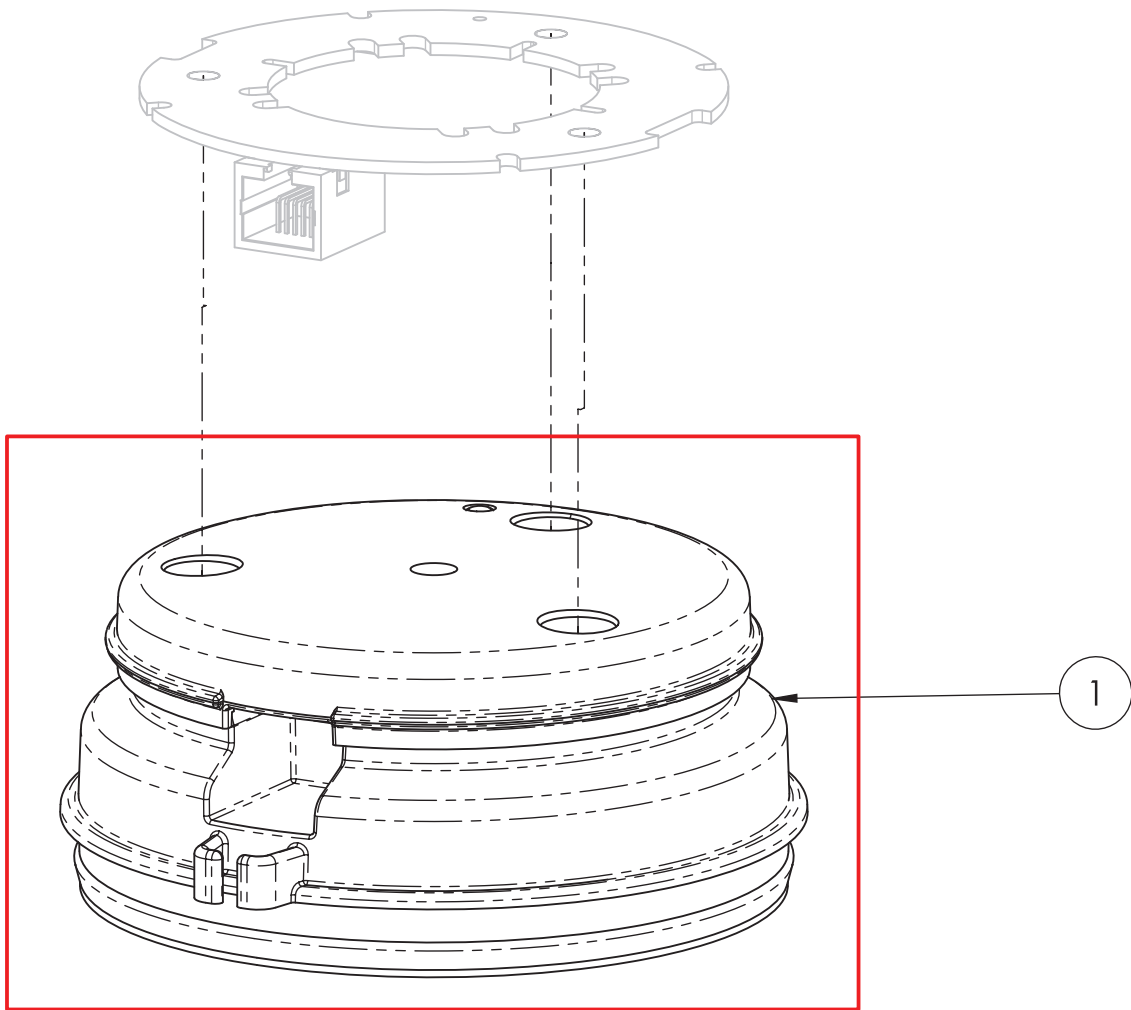
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820821-SP	Lid assy,Can,DIA81,UVC	Page 7283-01
2	1820819-SP	Lid assy,Can,DIA95,UVC	Page 7283-02
3	1820820-SP	Lid assy,Can,DIA129,UVC	Page 7283-03
4		UVC support parts	Page 7283-04
5	1820739-SP	HApp Powermodule,UVC	Page 7283-05
6		Central hub assy	Page 7283-06

7283-01 Lid assy,Can,DIA81,UVC | 1820821-SP



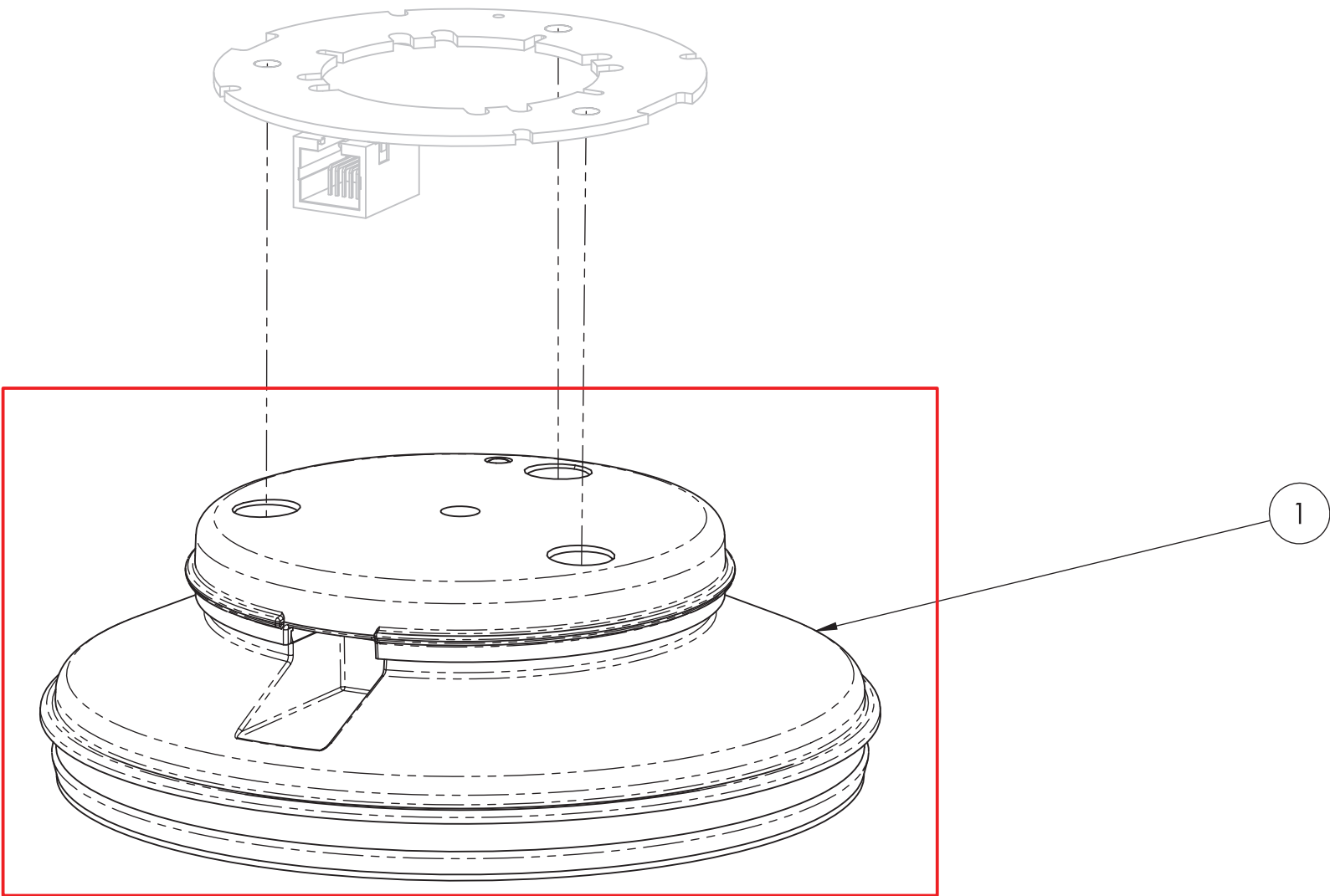
PARTS LIST				
ITEM	PART #	DESCRIPTION	REMARK	QTY
1	1820793-SP	Lid parts,Can.DIA81,UVC,NO PCB		1

7283-02 Lid assy,Can,DIA95,UVC | 1820819-SP



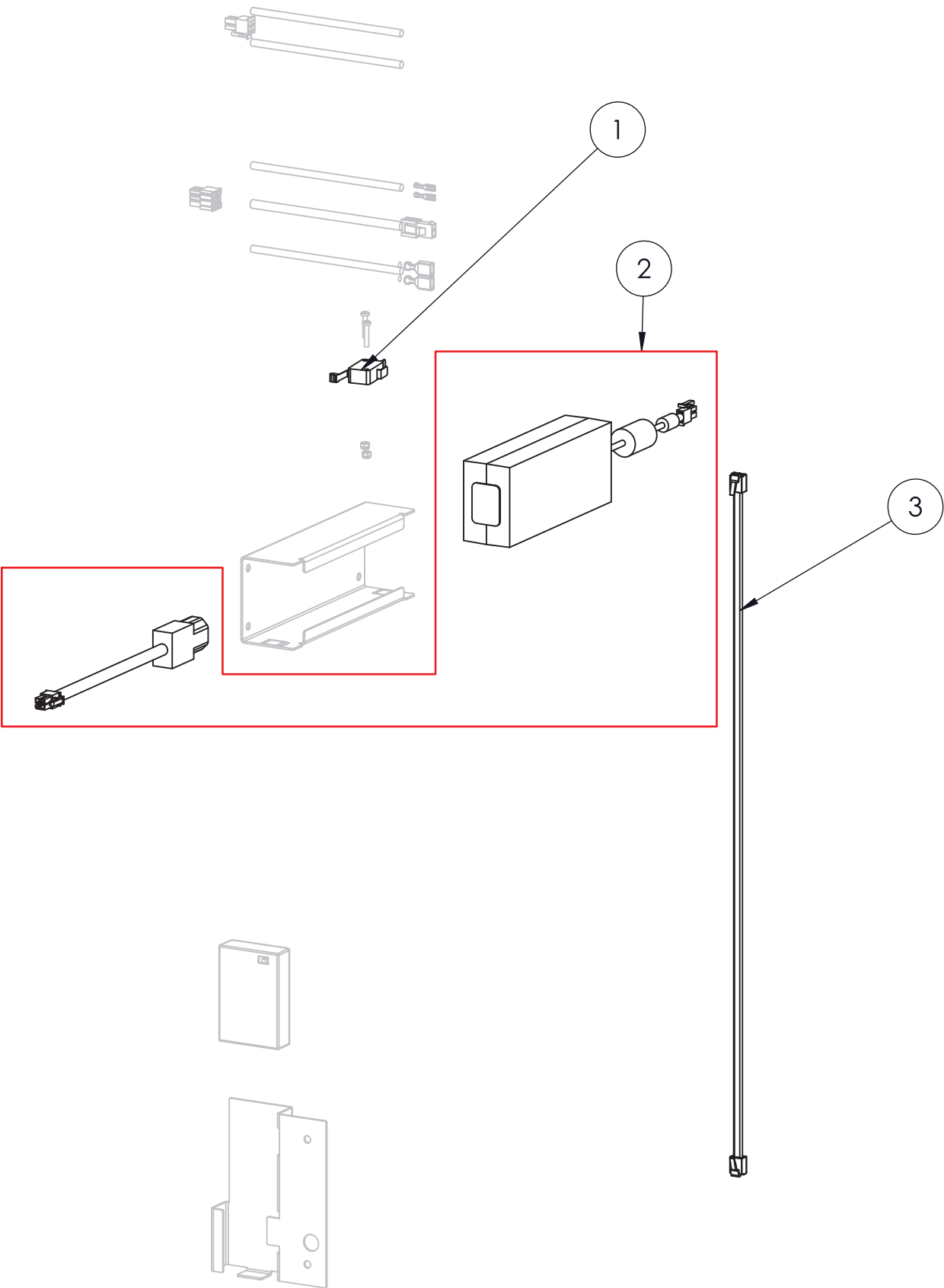
PARTS LIST				
ITEM	PART #	DESCRIPTION	REMARK	QTY
1	1820794-SP	Lid parts,Can.DIA95,UVC,NO PCB		1

7283-03 Lid assy,Can,DIA129,UVC | 1820820-SP



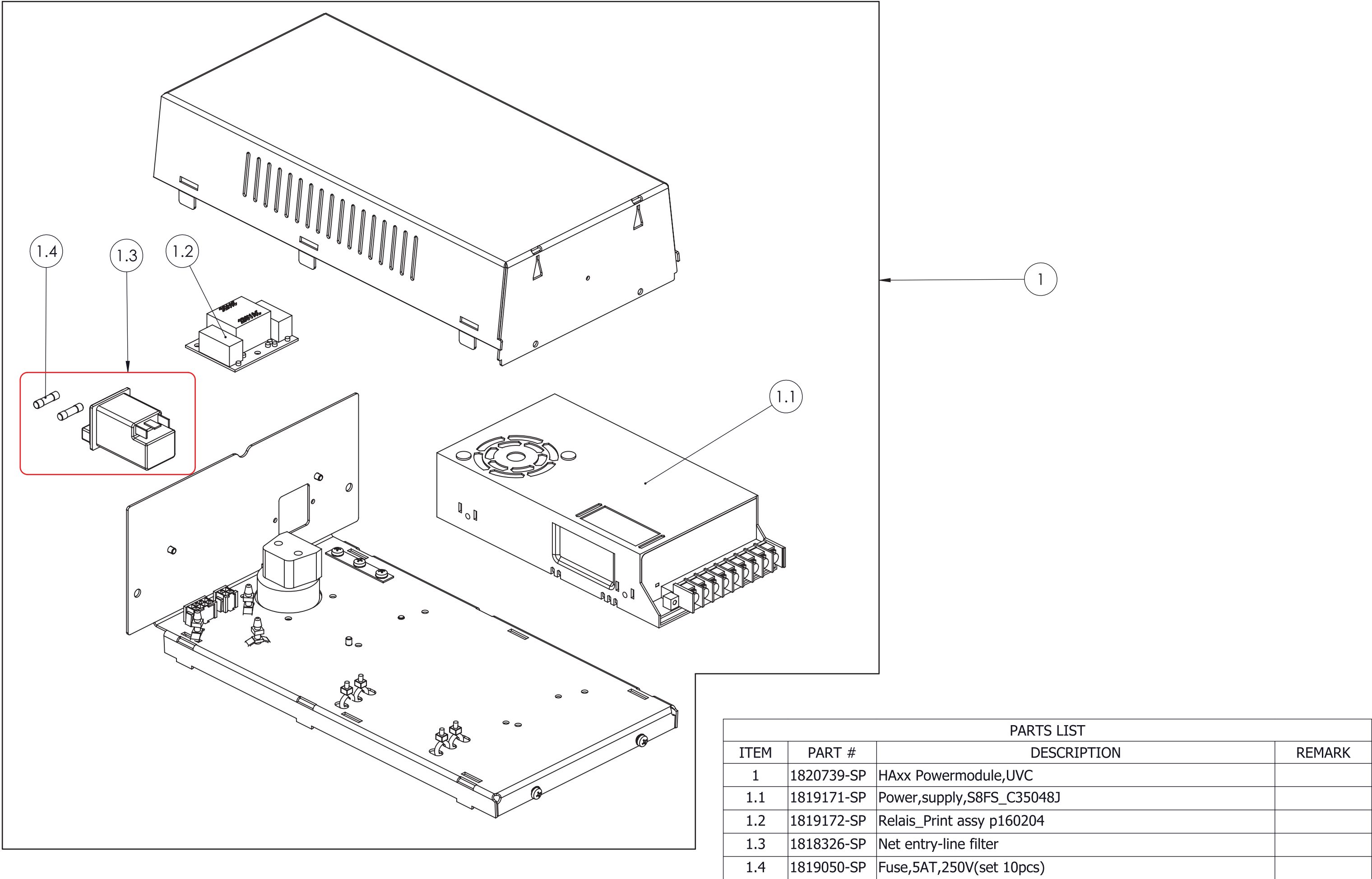
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820795-SP	Lid parts,Can.DIA129,UVC,NO PCB	

7283-04 UVC support parts

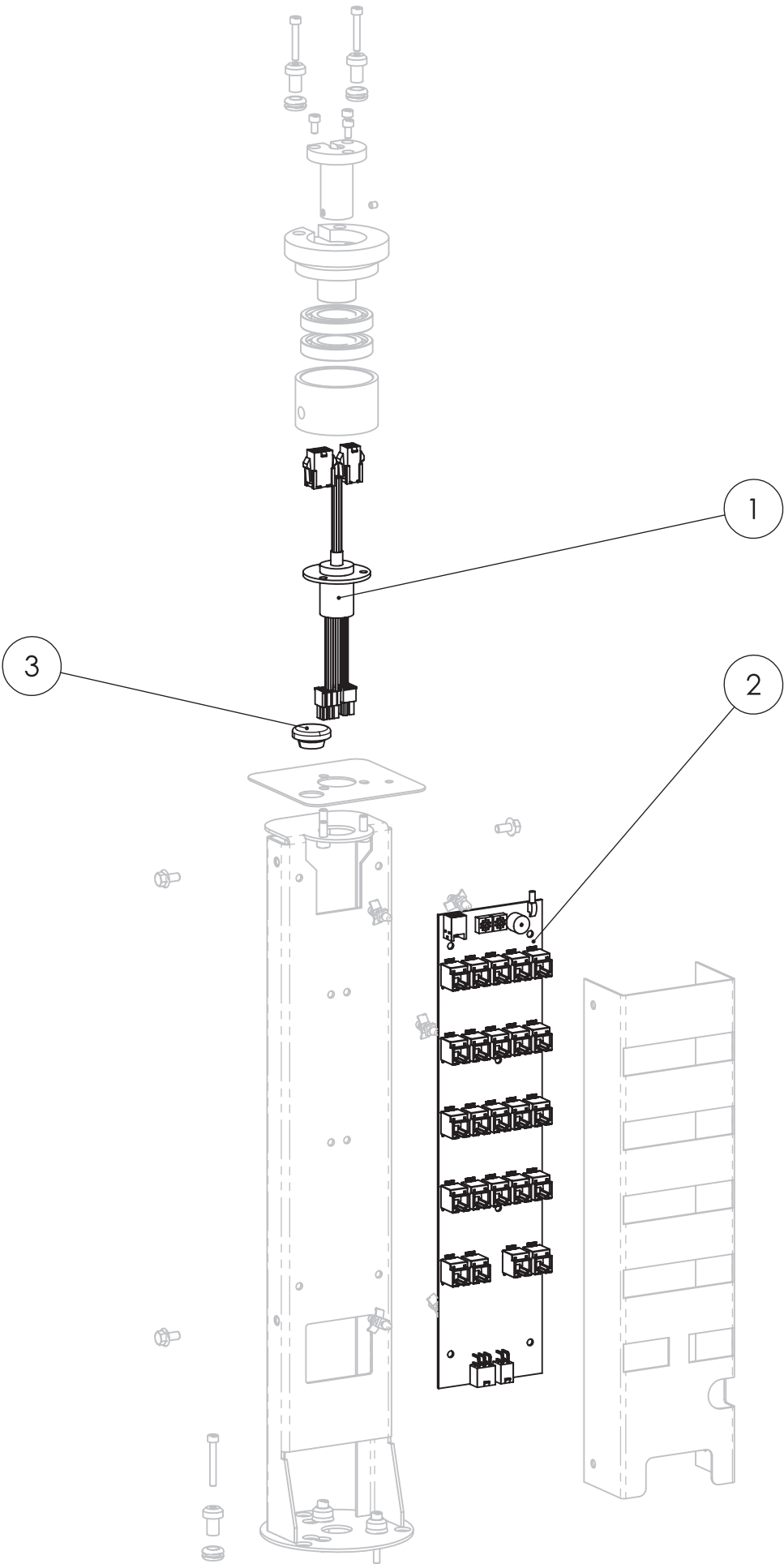


PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1160200-SP	Switch,micro,V-166-1C5	
2	1820760-SP	Power supply TRH100A 18V 100W	
3	1820766-SP	Cable RJ12 50cm	

7283-05 HAxX Powermodule,UVC



7283-06 Central hub assy



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1820744-SP	Slipring,UVC,assy	
2	1820748-SP	PCBA central hub	
3	1820788-SP	Cap,central hub,UVC	