

SPARE PARTS BOOK

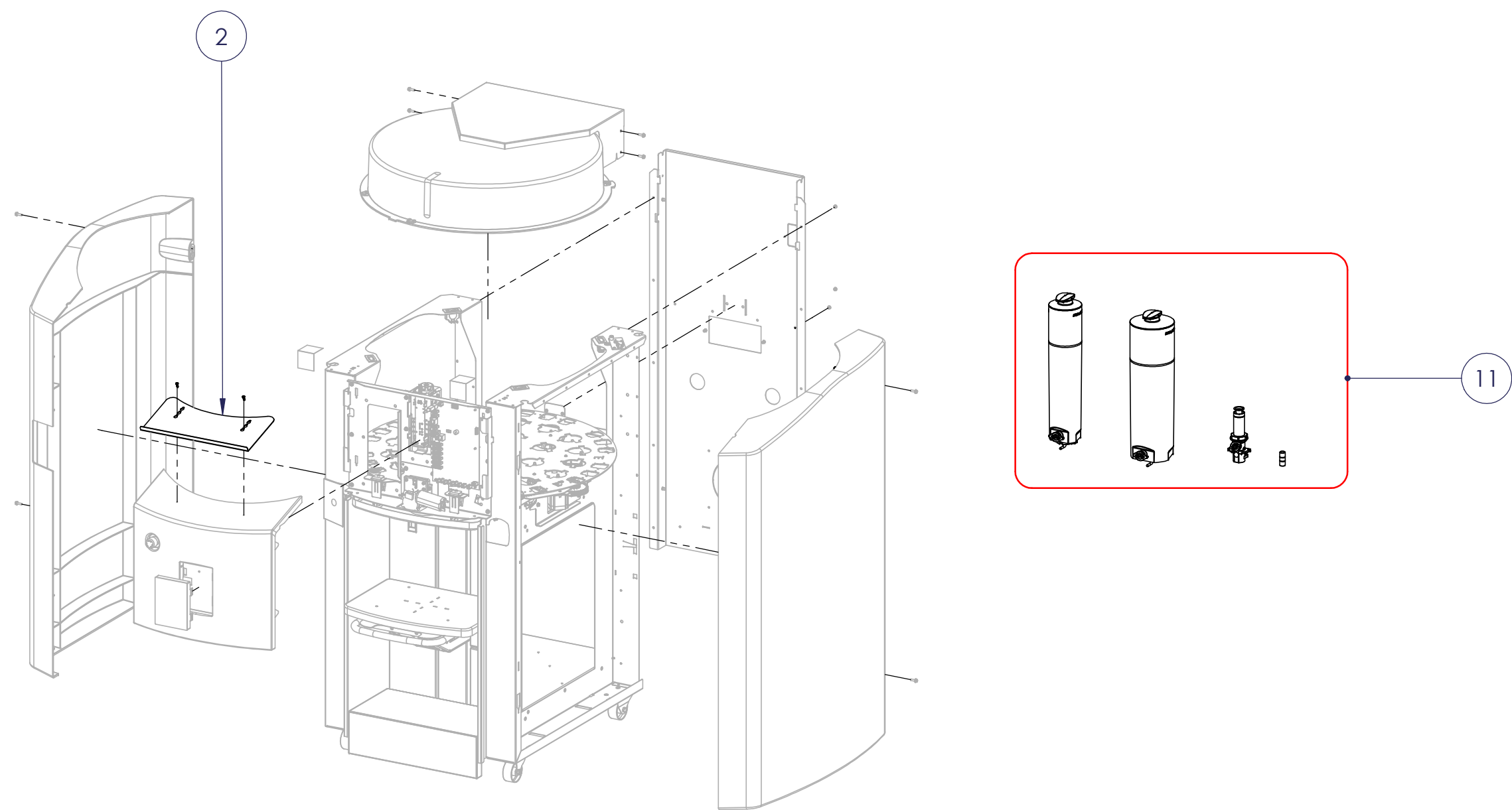
HA180



INDEX

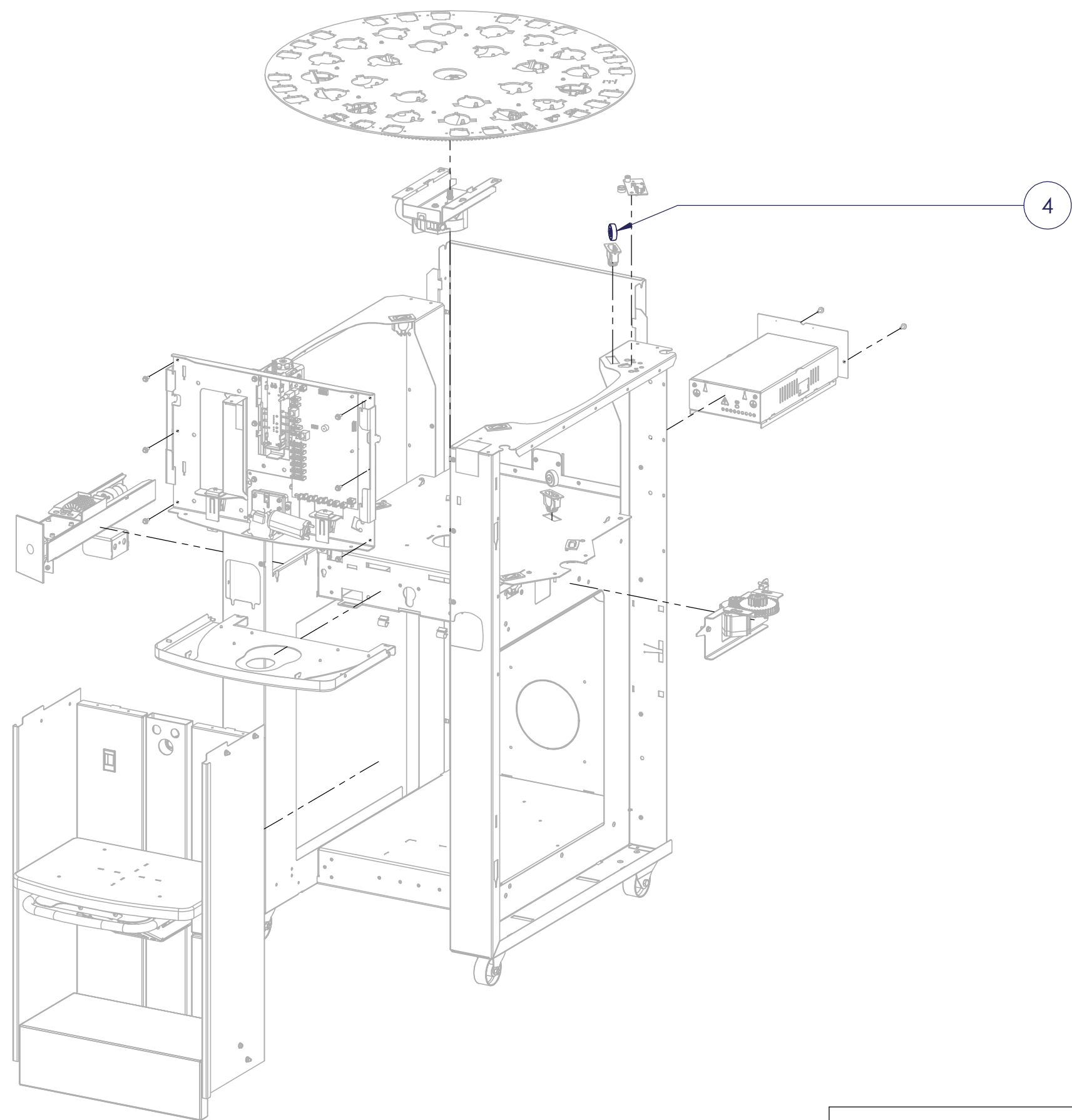
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7600 Panels



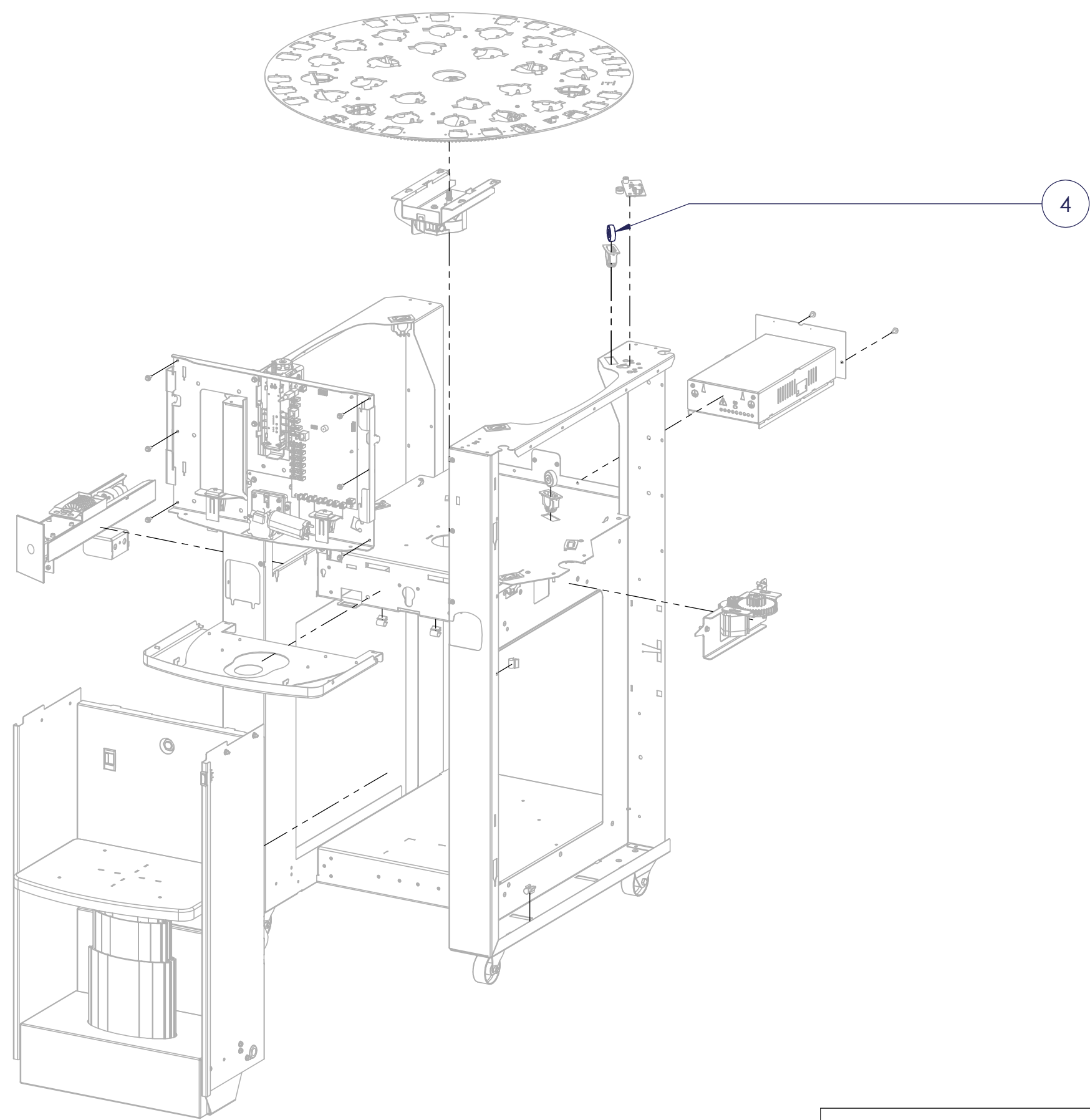
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
2	1819993-SP	Plate,Keyboard,180	
11		Canisters, Pump & Tubes	Page7640

7601 Frame Manual Cantable



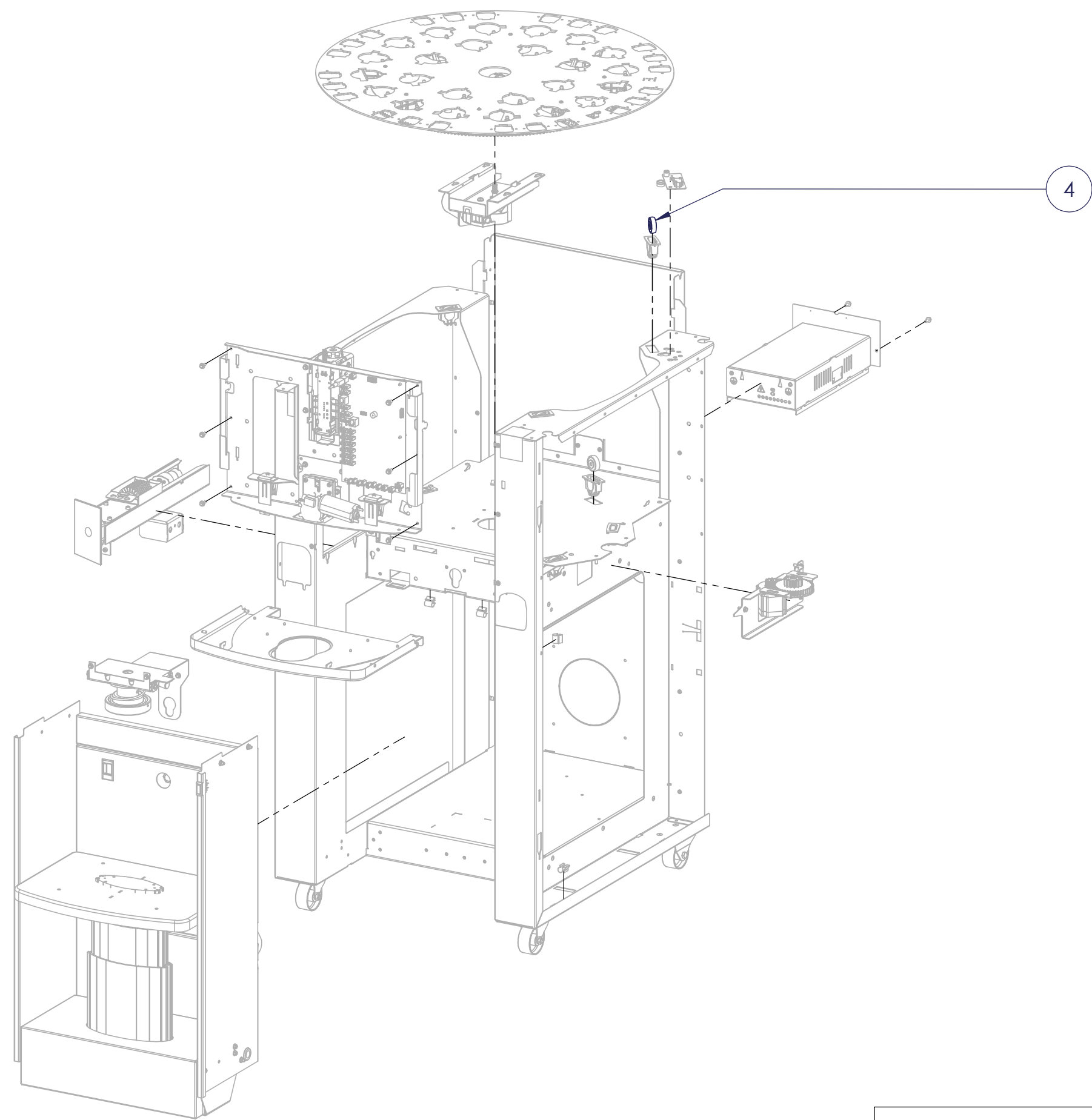
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
4	1862422-SP	Wheel,traversing,centric,35mm	

7602 Frame Electrical Cantable



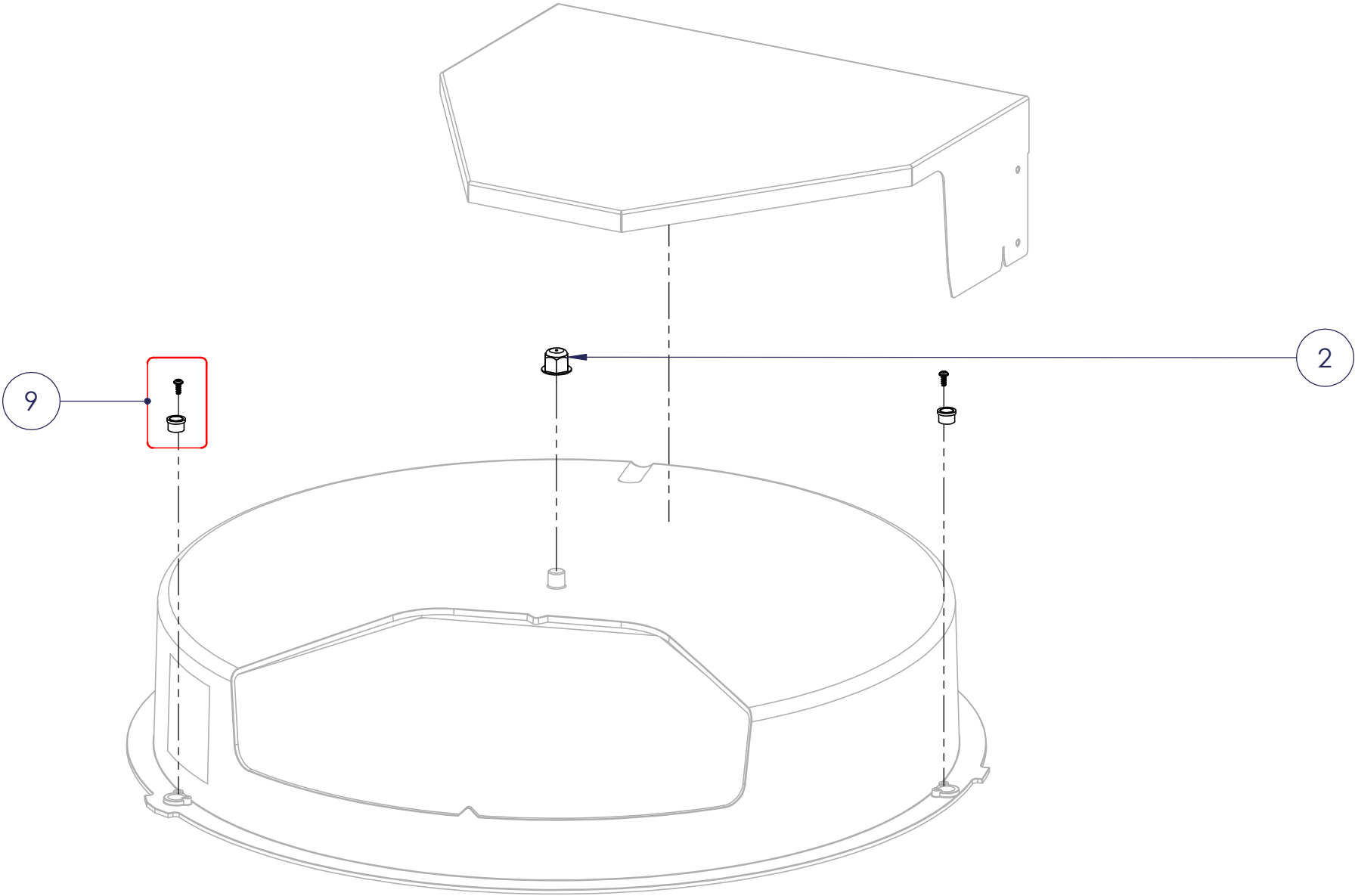
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
4	1862422-SP	Wheel,traversing,centric,35mm	

7603 Frame Punch



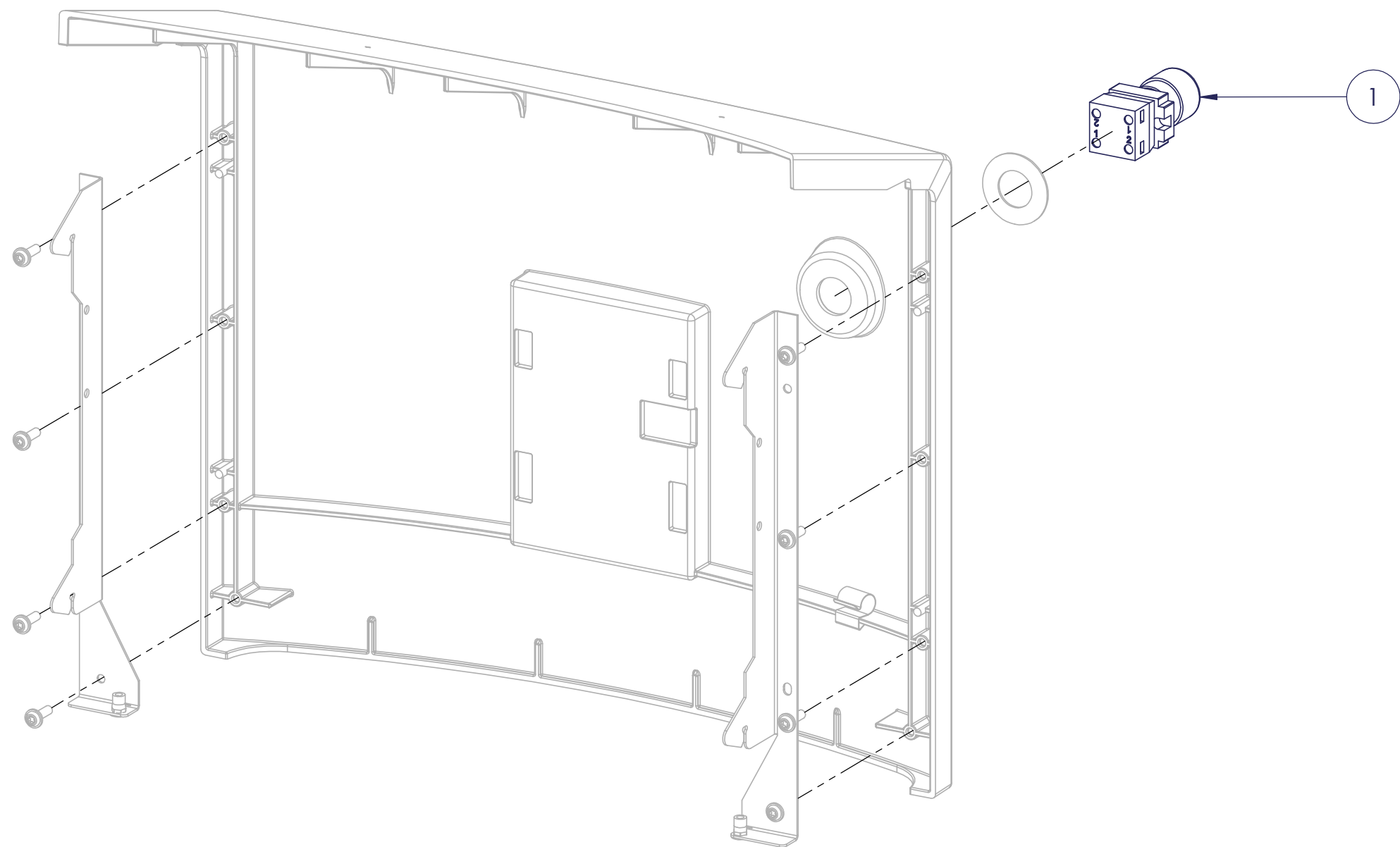
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
4	1862422-SP	Wheel,traversing,centric,35mm	

7604 Panel Top



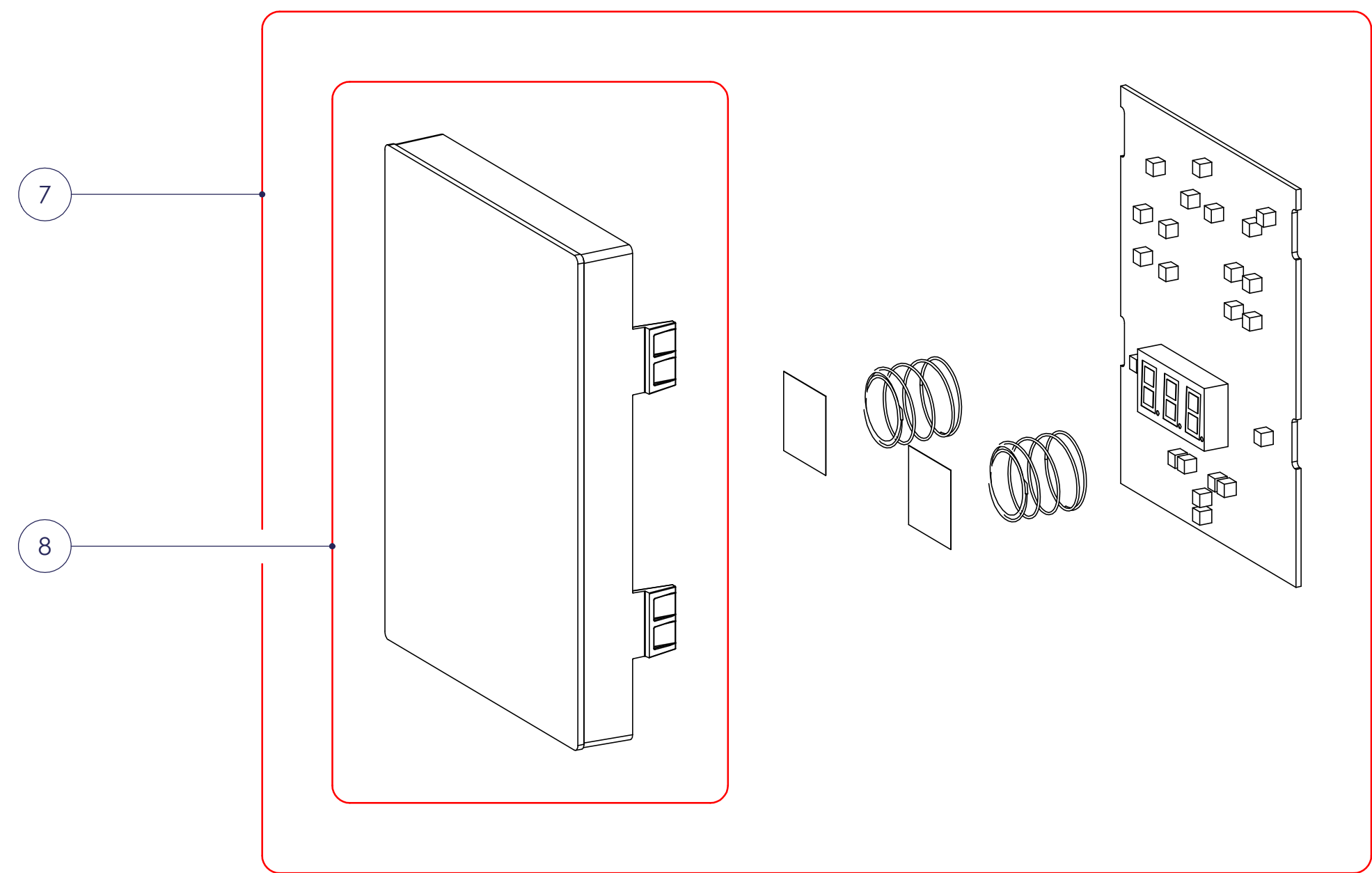
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
2	1819210-SP	Bearing,agitation	
9	1819933-SP	Magnet with holder,set (2pcs)	

7605 Panel Front



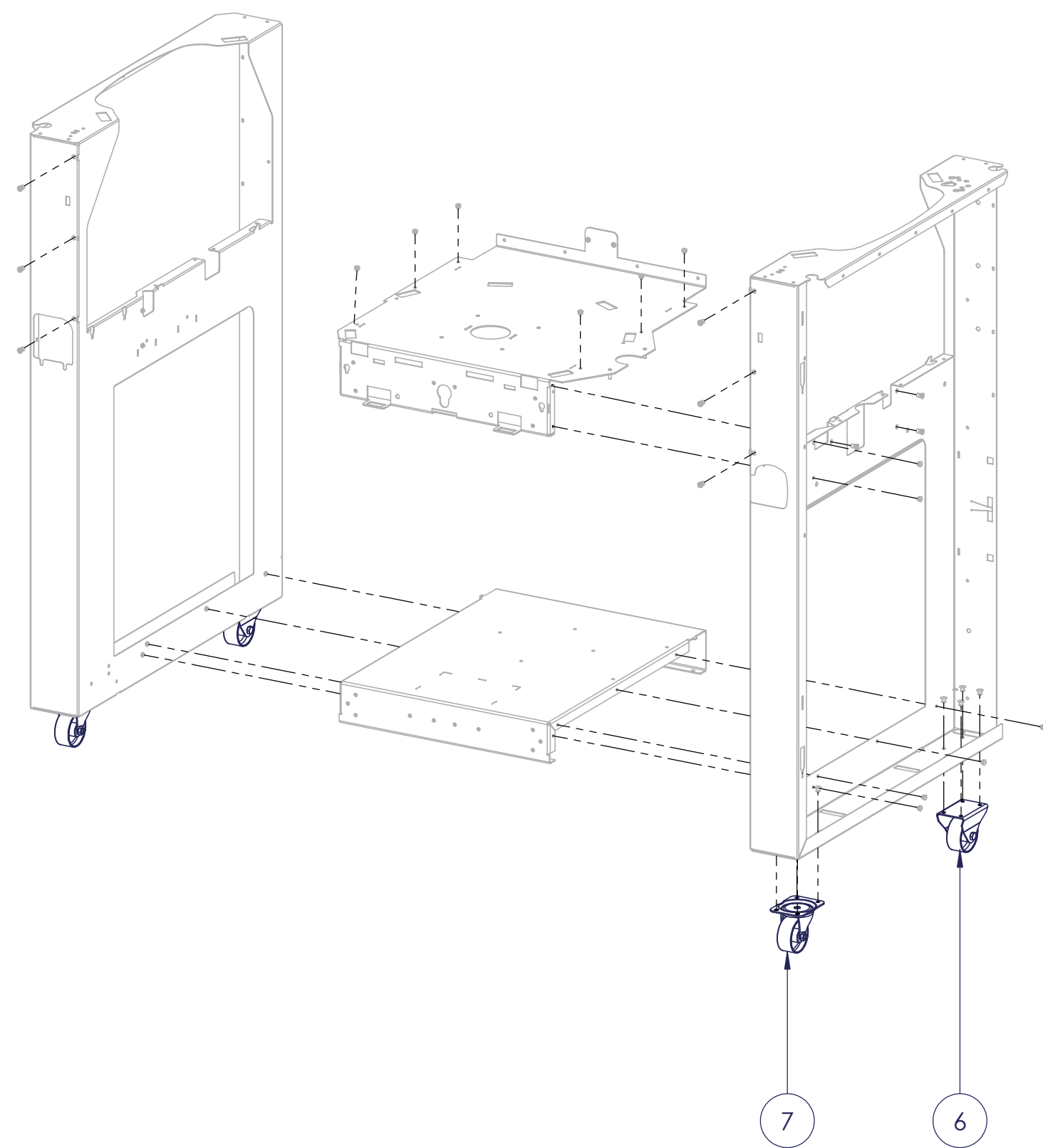
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1864937-SP	Emergency Switch Complete	

7606 Display,module,HA180 (1819774-SP)



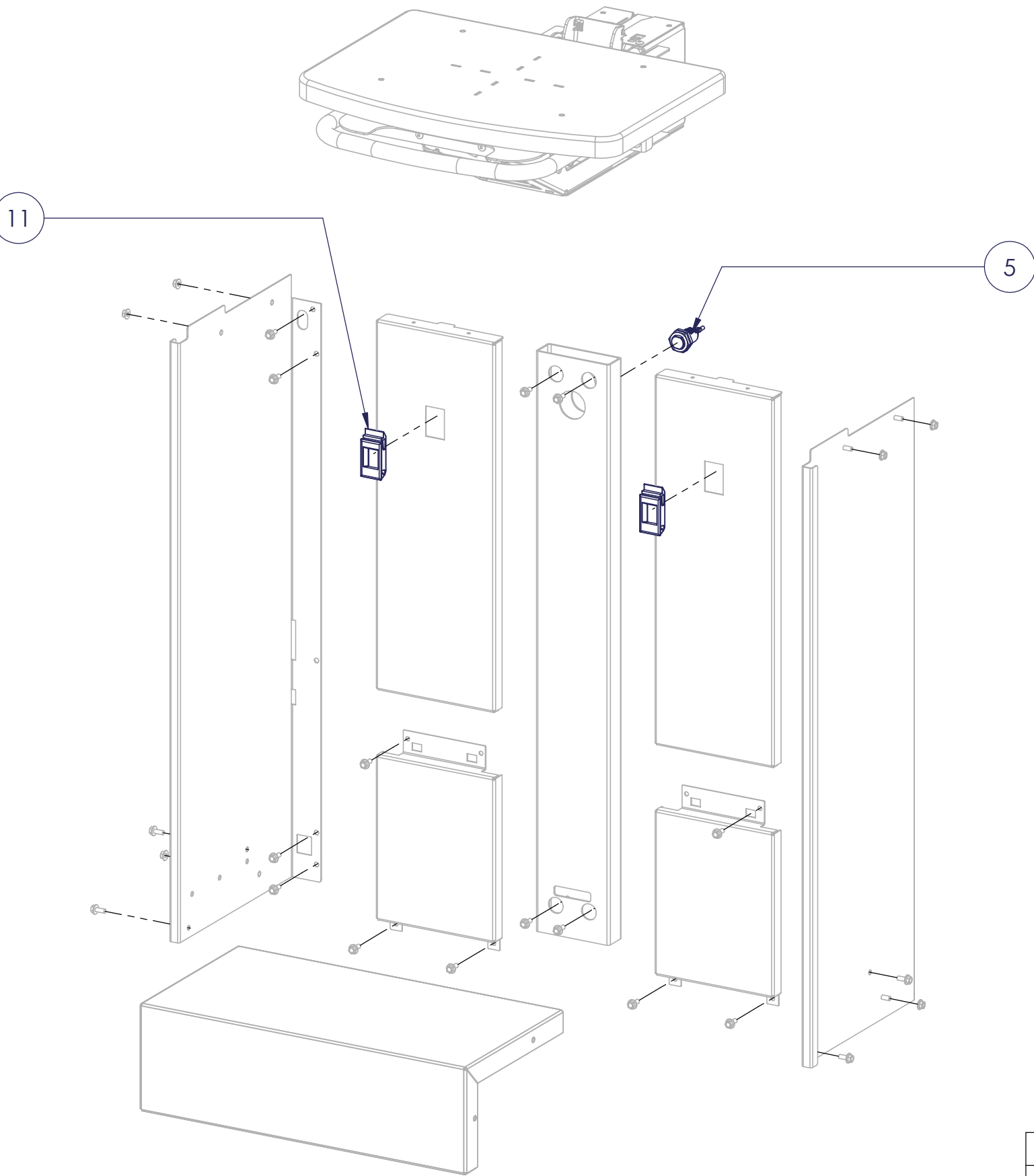
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
7	1819774-SP	Display,module	
8	1819775-SP	Display front with spacer	

7610 Frame



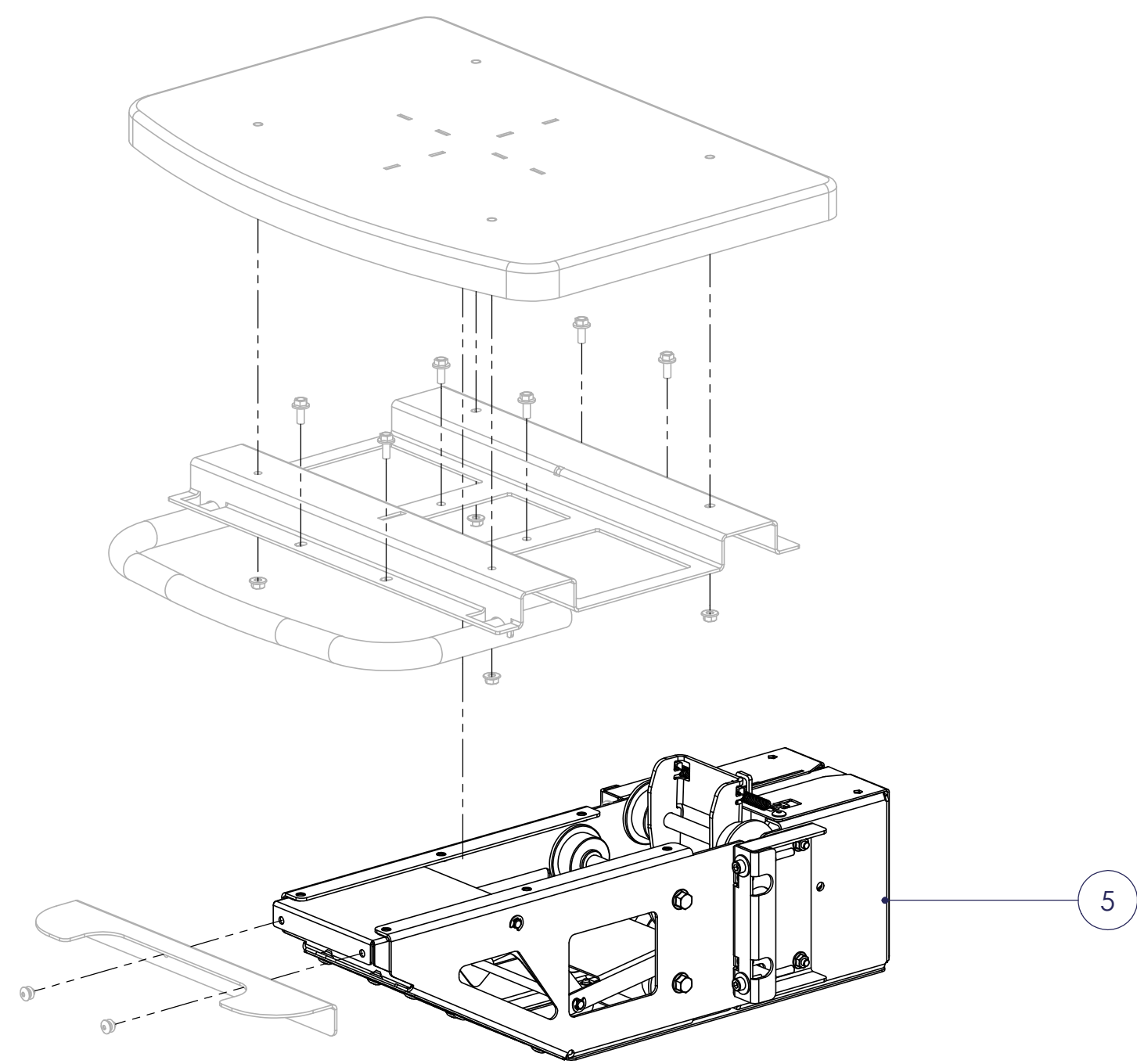
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
6	1110330-SP	Wheel FixedWheel,fixed,set 2 pcs	
7	1110340-SP	Wheel,swiveling,set 4 pcs	

7611 Dispensebay Manual Cantable



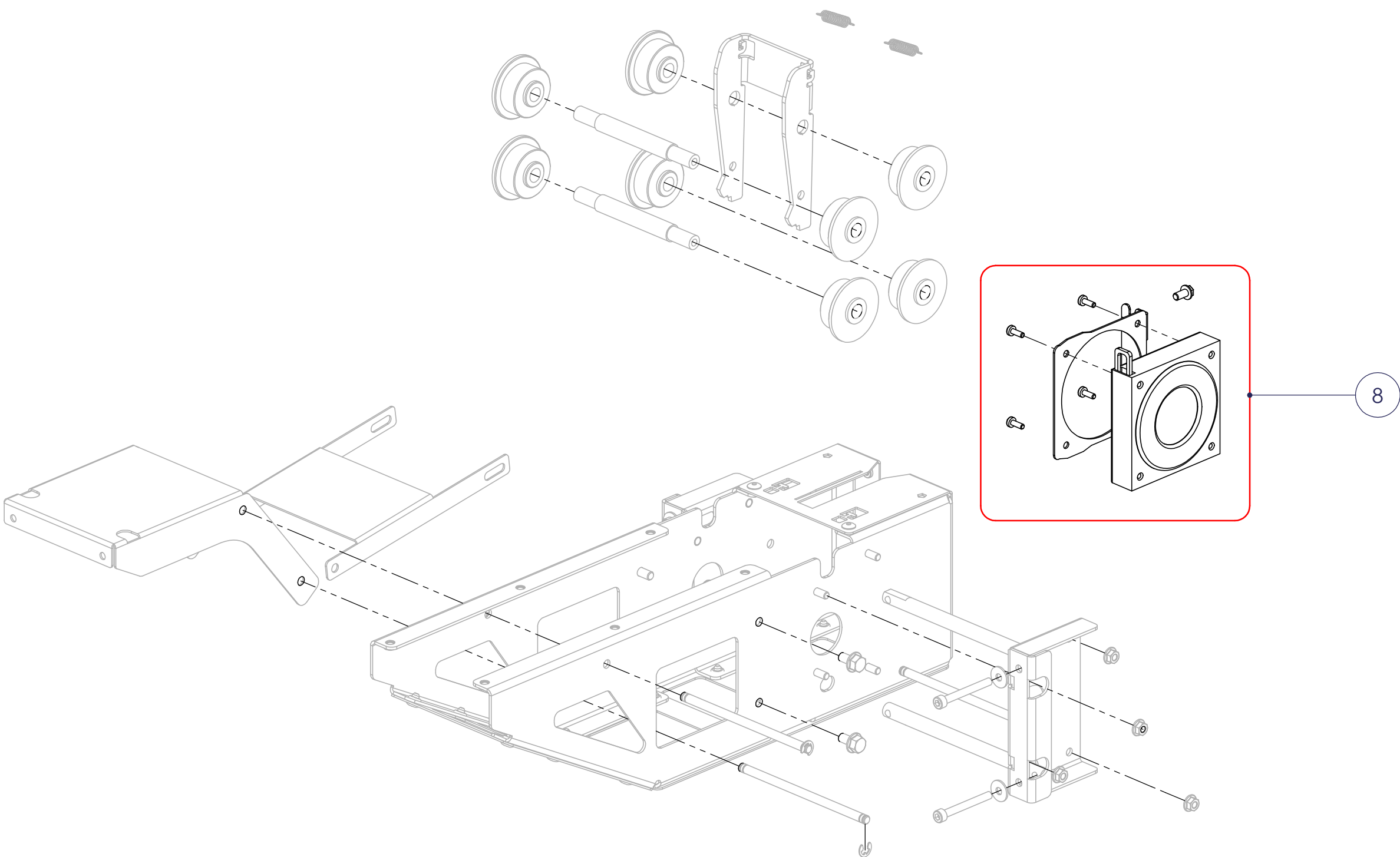
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
5	1865510-SP	Sensor1 HA	
11	1862332-SP	Latch,slide,40-525,set 2pcs.	

7612 Cantable manual



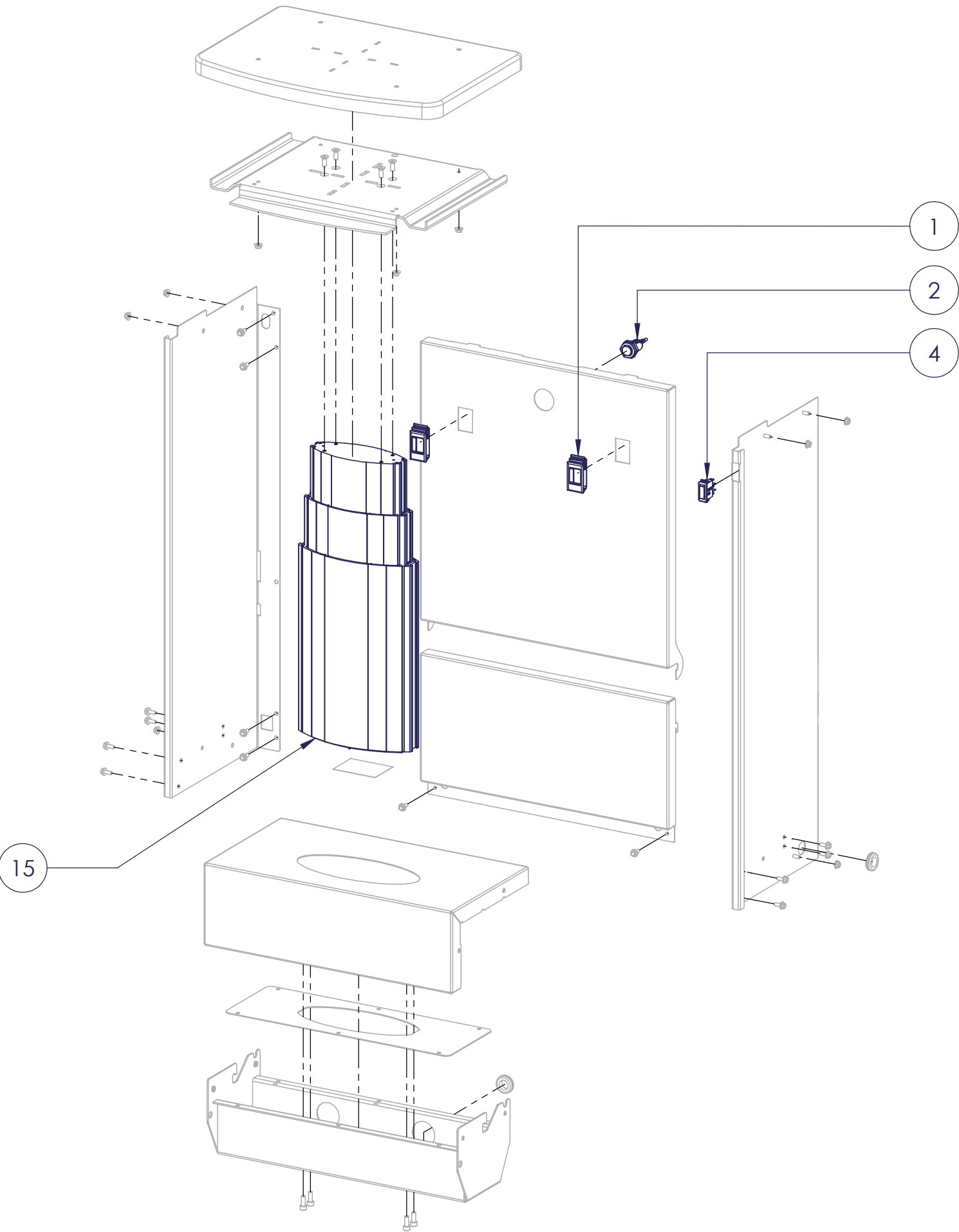
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
5		Cantable assembly	7613

7613 Cantable assembly



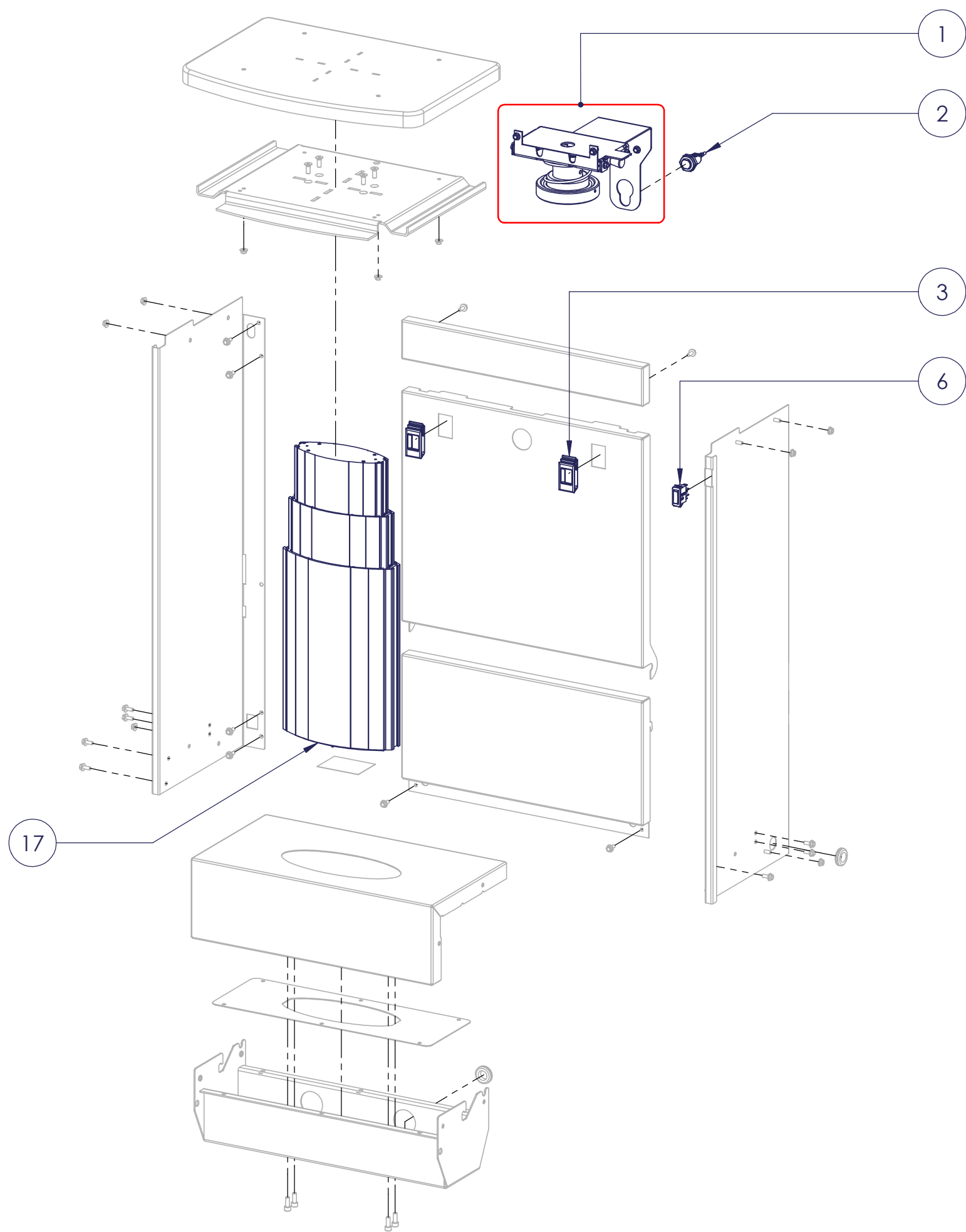
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
8	1820037-SP	Spring,manual cantable	

7614 Dispensebay Electr. Cantable



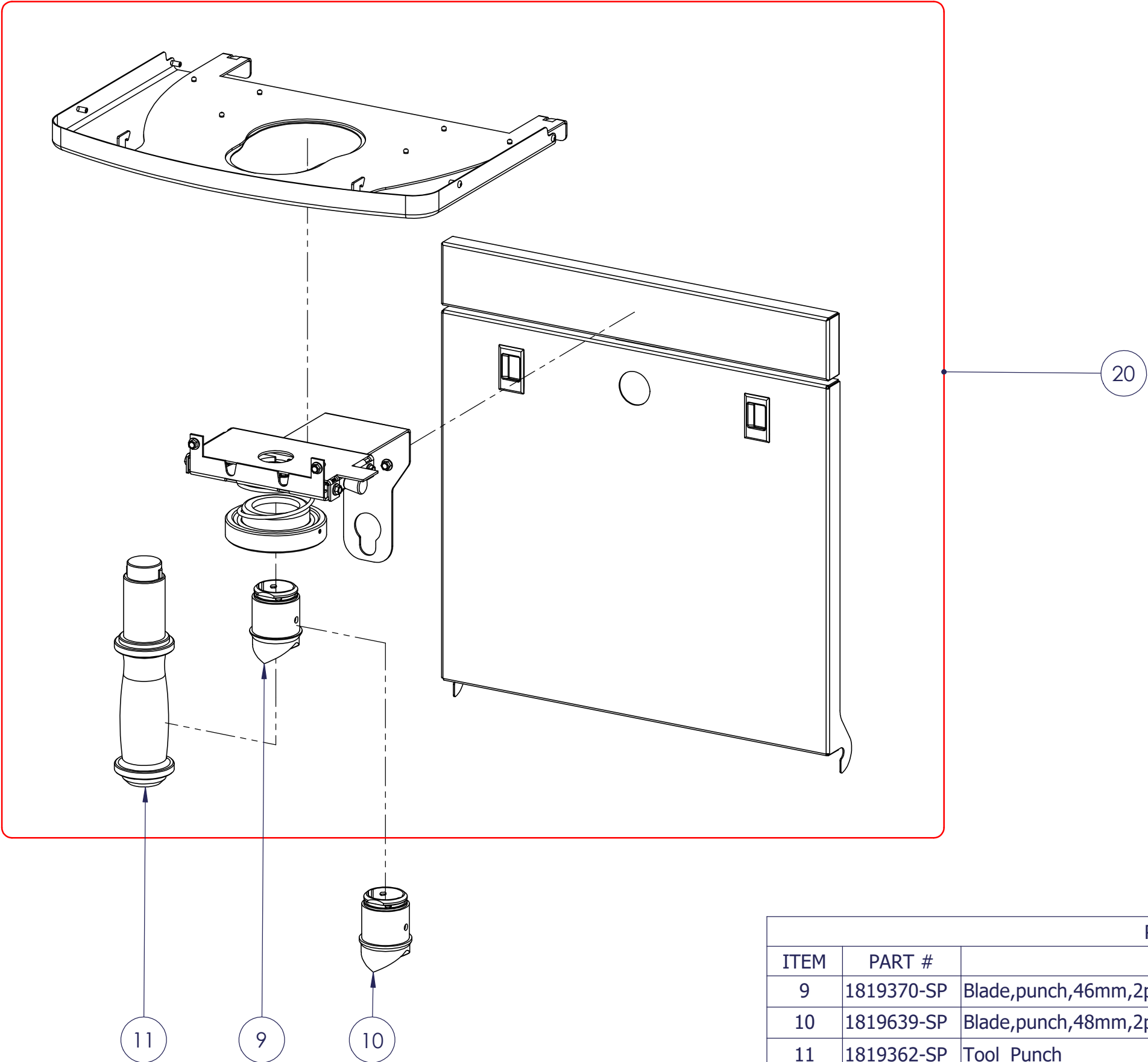
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1862332-SP	Latch,slide,40-525,set 2pcs.	
2	1865510-SP	Sensor1 HA	
4	1170078-SP	Switch,up/down,single,6A,250V	
15	1865600 -SP	Actuator cantable+screws	

7615 Dispensebay Punch



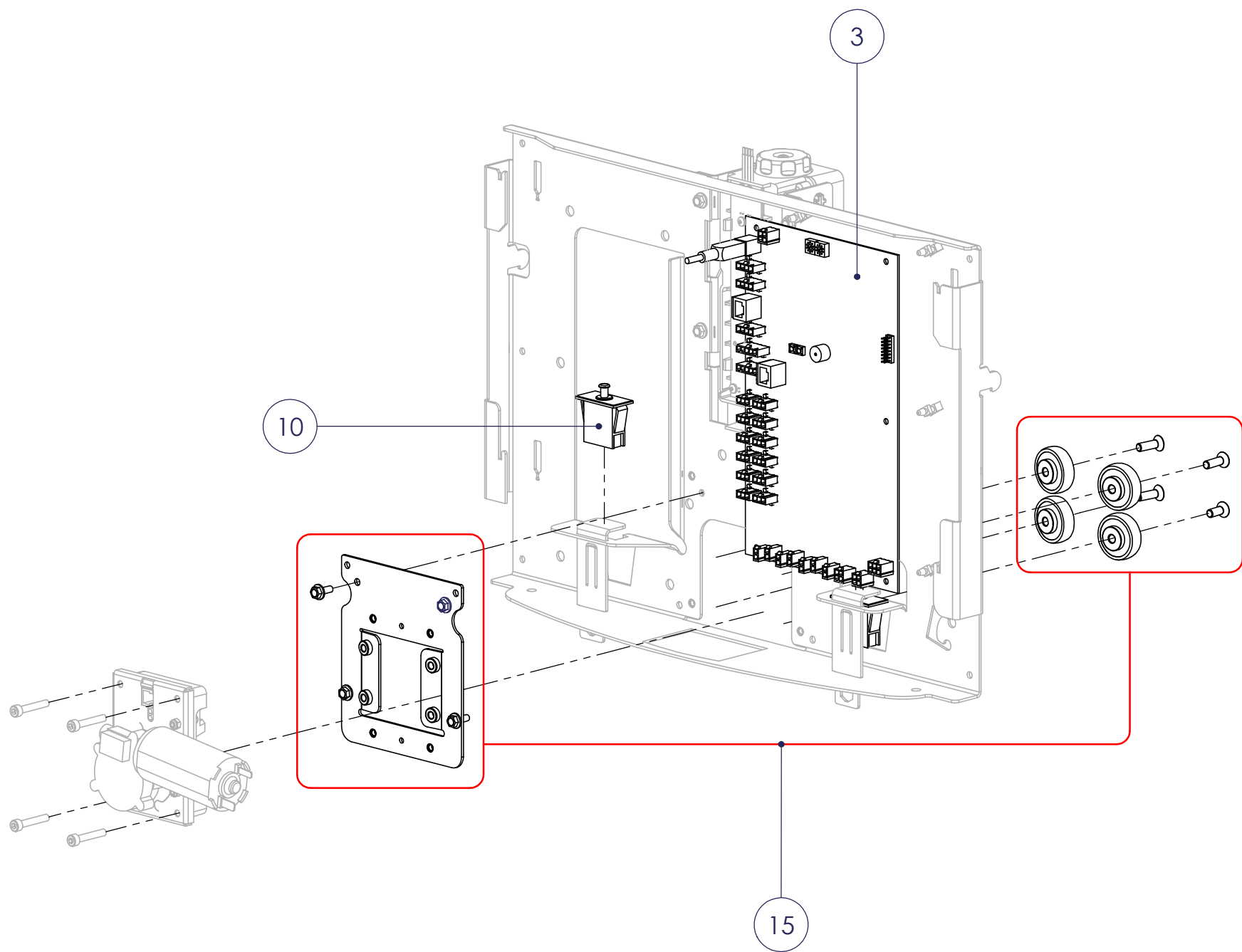
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1		Punch unit	Page 7616
2	1865510-SP	Sensor1 HA	
3	1862332-SP	Latch,slide,40-525,set 2pcs.	
6	1170078-SP	Switch,up/down,single,6A,250V	
17	1865600 -SP	Actuator cantable+screws	

7616 Punch unit



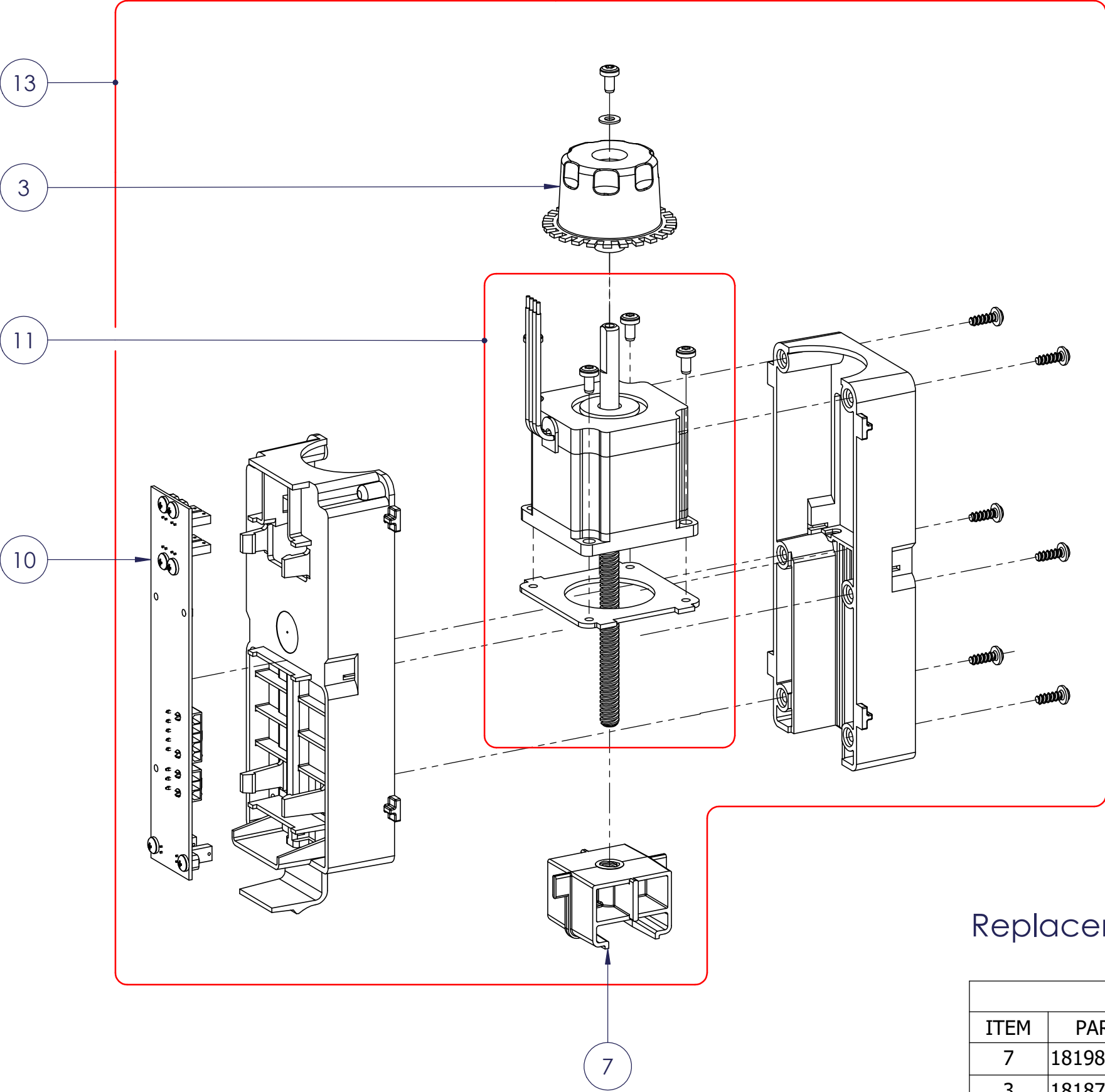
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
9	1819370-SP	Blade,punch,46mm,2pcs	
10	1819639-SP	Blade,punch,48mm,2pcs	
11	1819362-SP	Tool_Punch	
20	1819801-SP	Punch unit, 46 mm, complete	

7620 Mechanical



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
3	1818434-SP	Control board,v5	
10	1812528-SP	Switch,D2D 1100	
15	1819726-SP	Bearings,turntable (set 1pc)	

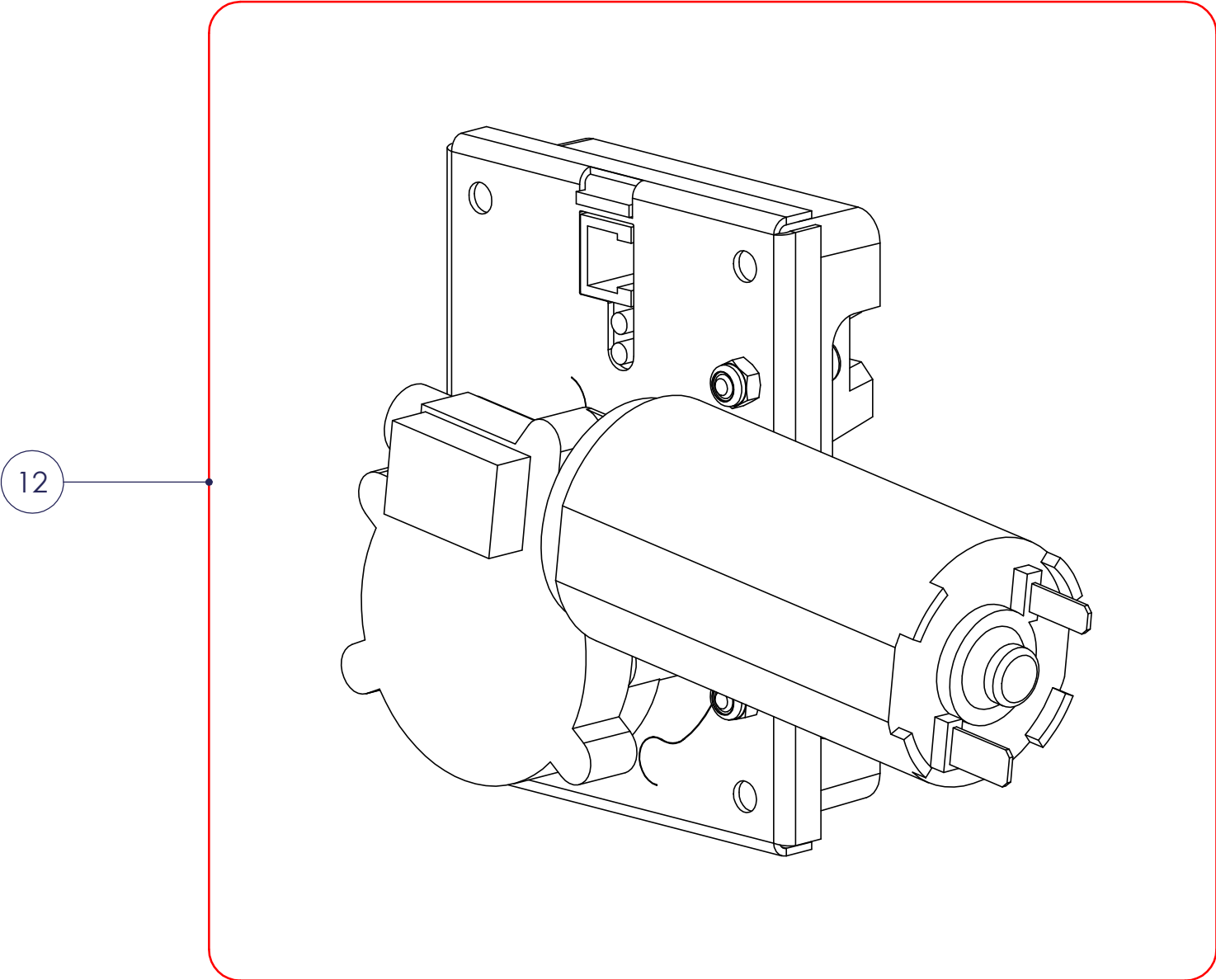
7621 HGM



Replacement by service technician only

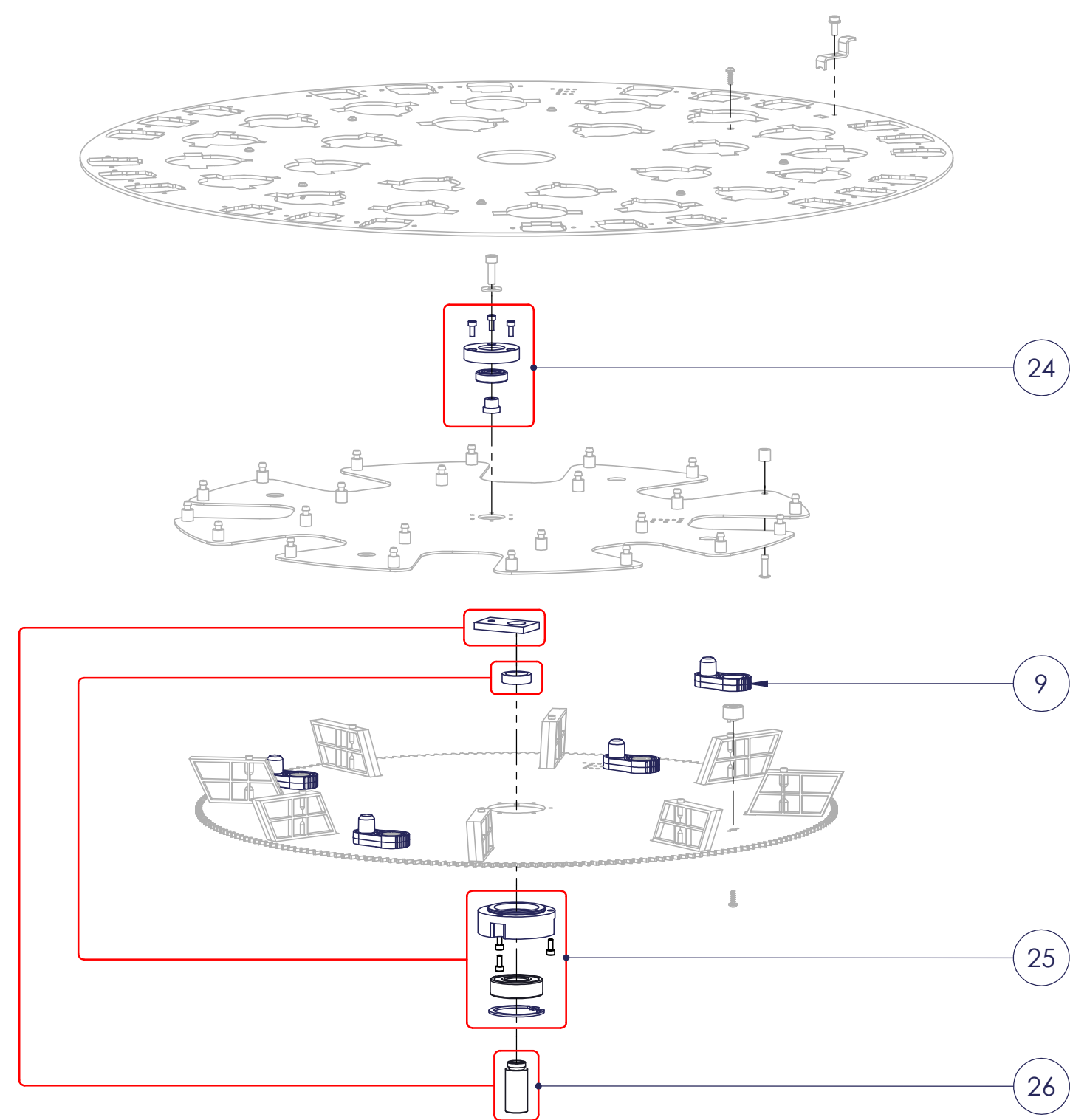
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
7	1819809-SP	Gripper	
3	1818774-SP	Cap,spindle,encoder	
10	1819747-SP	PCB,HGM,180	
11	1819748-SP	Motor HGM	
13	1819753-SP	HGM complete	

7622 Valve Motor Unit



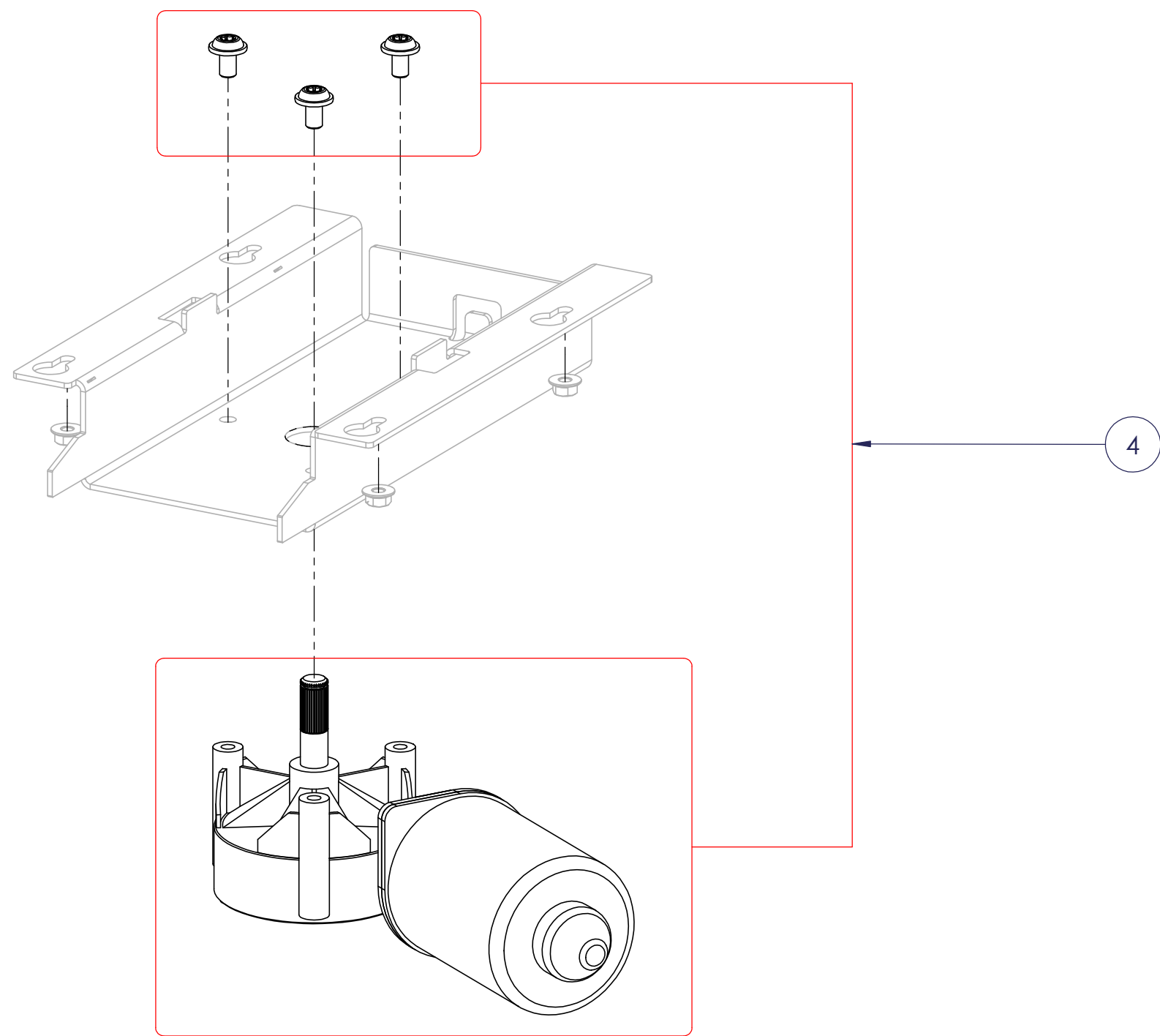
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
12	1819175-SP	Valve unit complete (set 1 pc)	

7623 Turntable



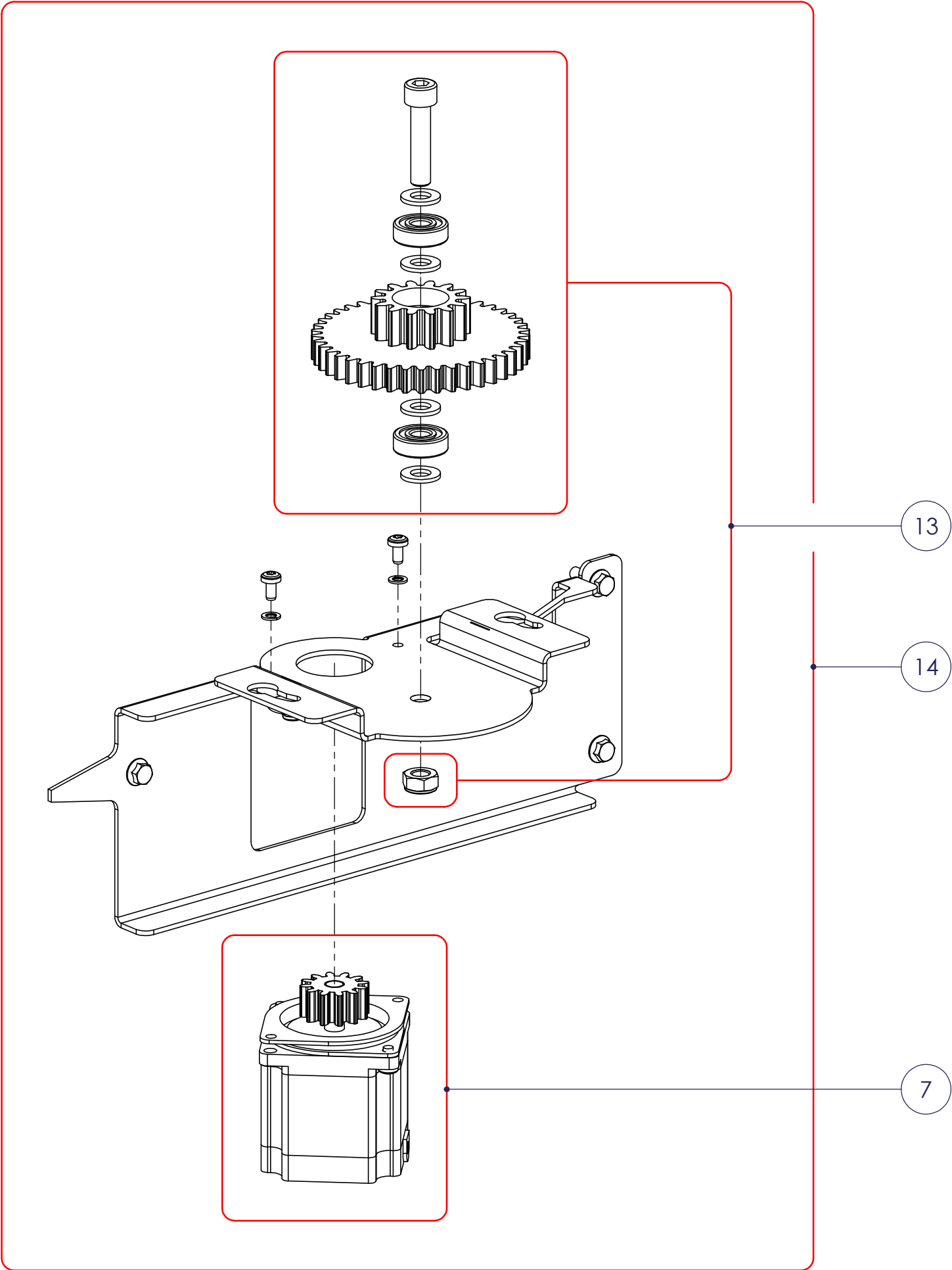
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
9	1816579-SP	Agitation,plate support set (4pcs)	
24	1819835-SP	Bearing,house,agitation crank	
25	1819836-SP	Housing,bearing,crank	
26	1813642-SP	Shaft,main,crank	

7624 Agitation



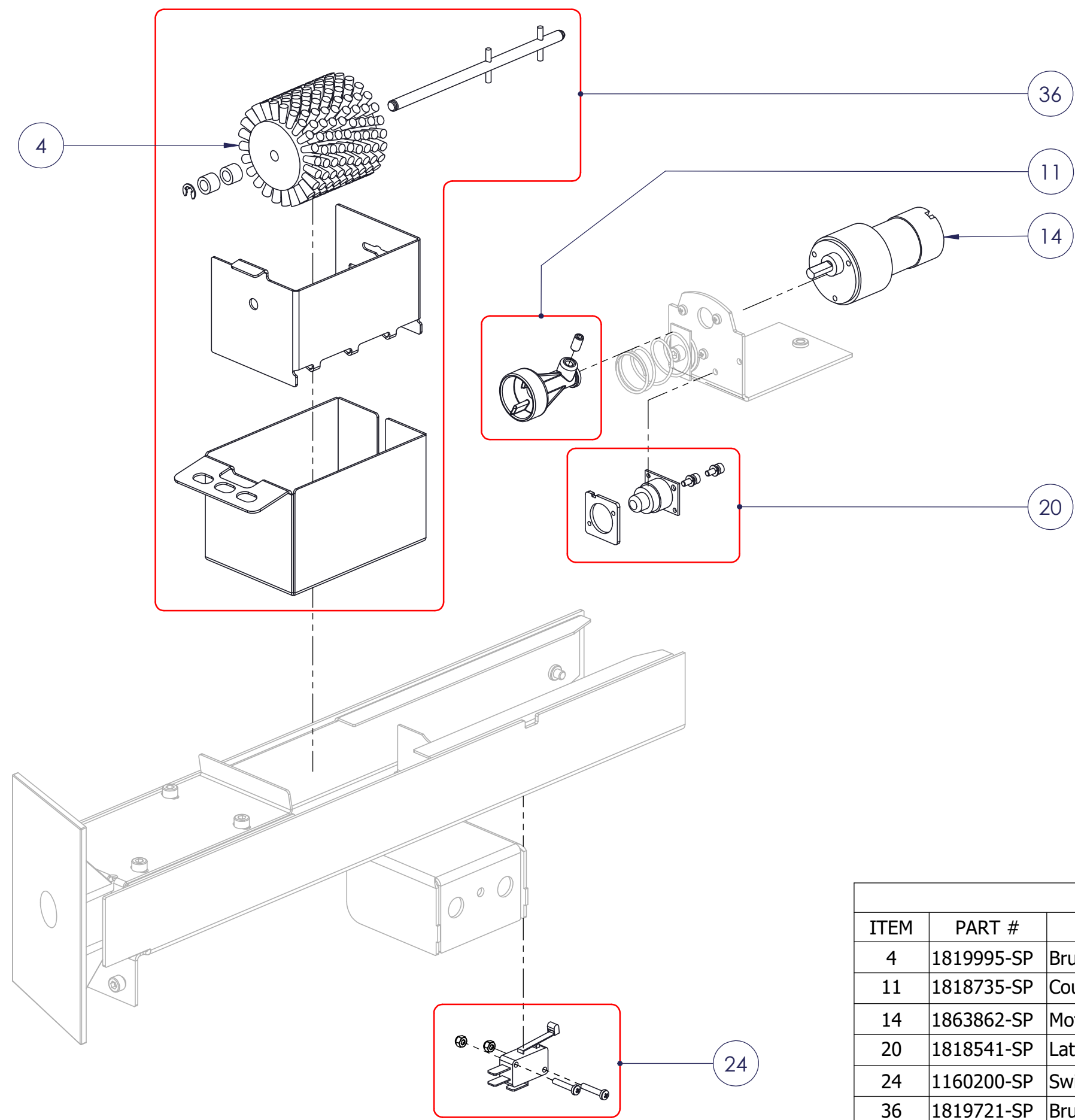
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
4	1863708-SP	Motor 404.938	

7625 Turntable Drive



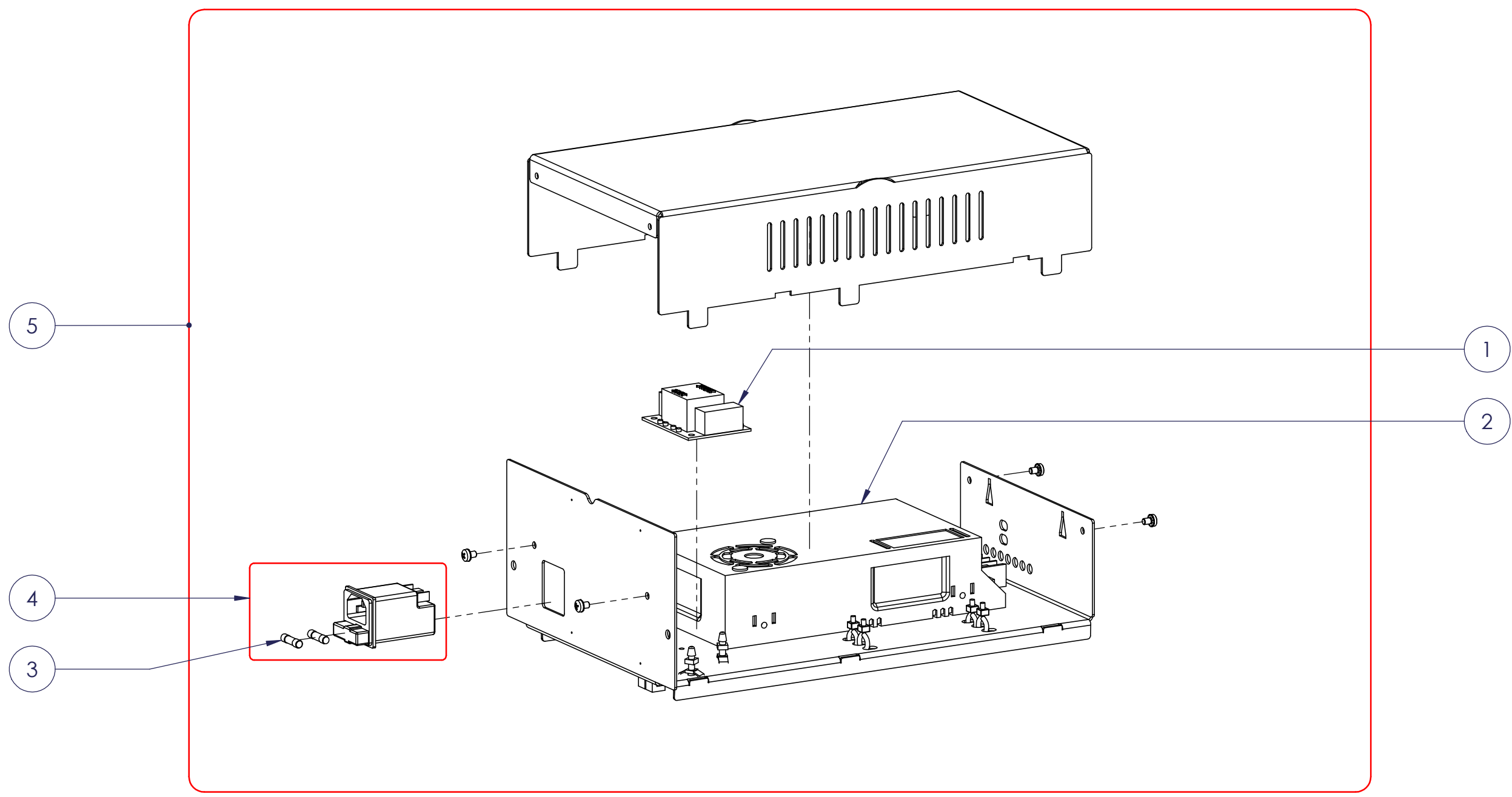
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
7	1818821-SP	Motor, turntable	
13	1863708-SP	Motor, 404.938	
14	1819509-SP	Gear unit, turntable drive	

7626 Brush



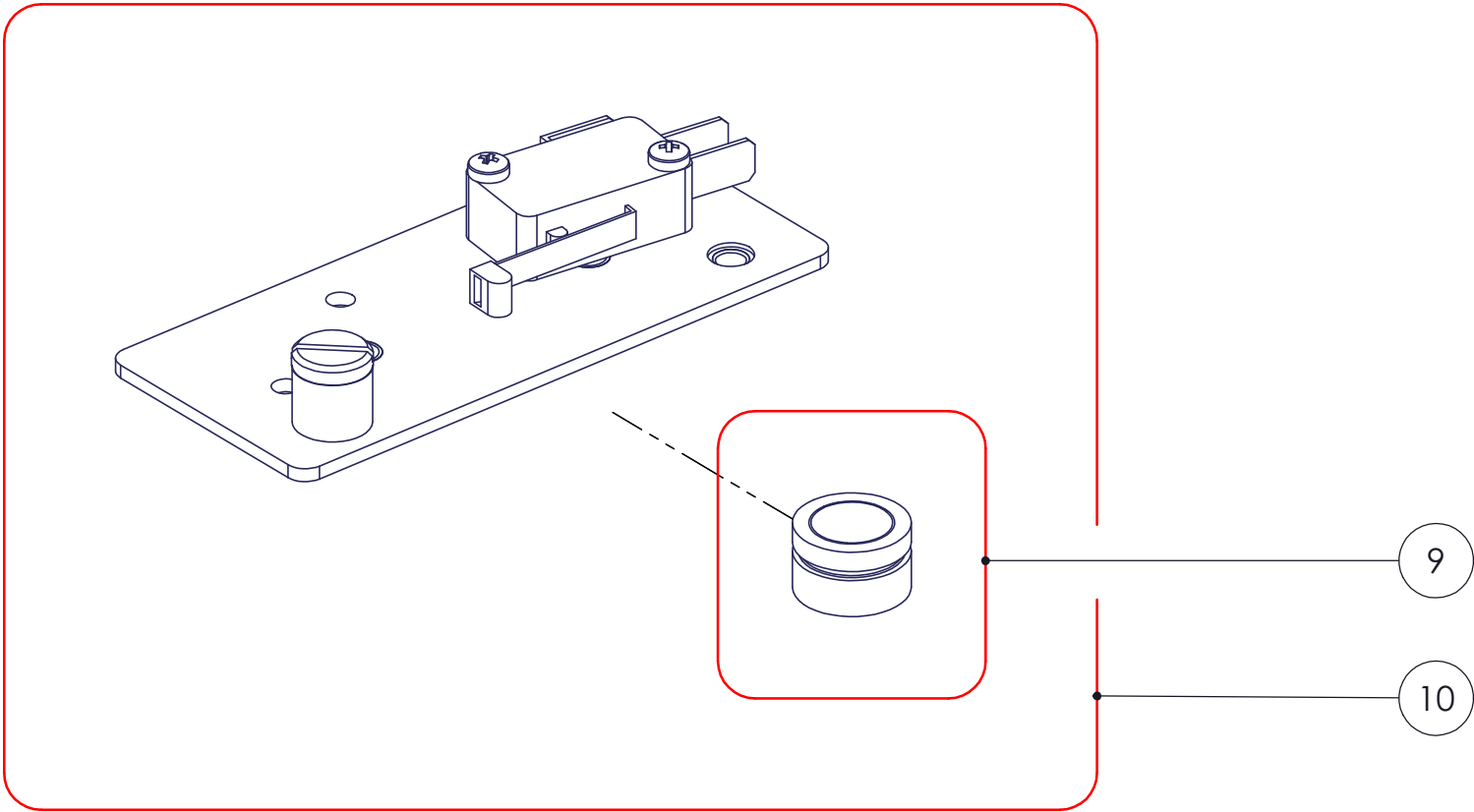
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
4	1819995-SP	Brush,ø60x60	
11	1818735-SP	Coupling,fork,brush (set 1pc)	
14	1863862-SP	Motor,micro,158-24-200	
20	1818541-SP	Latch,push-in/out	
24	1160200-SP	Switch,micro,V-166-105(R)	
36	1819721-SP	Brush container, complete	
35			

7627 HAxX Powermodule (1820013-SP)



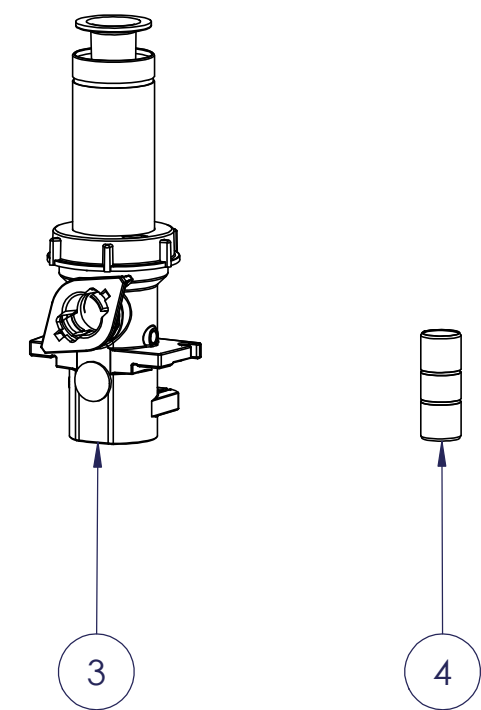
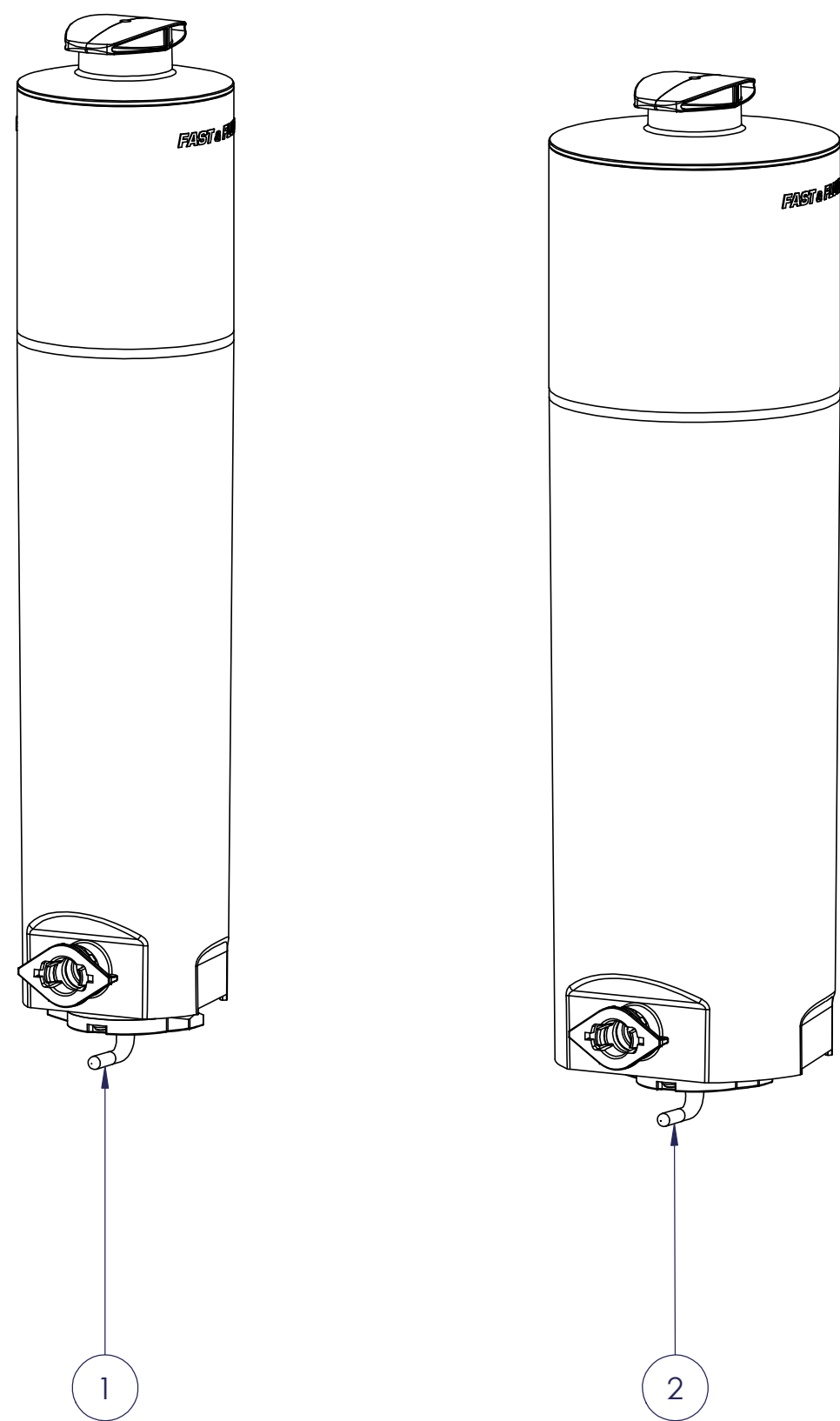
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1819172-SP	Relais, Power Supply	
2	1819171-SP	Power supply,48VDC	
3	1819050-SP	Fuse,5AT,250V(set 10pcs)	
4	1818326-SP	Netentry with filter	
5	1820013-SP	Power module	

7628 MESU



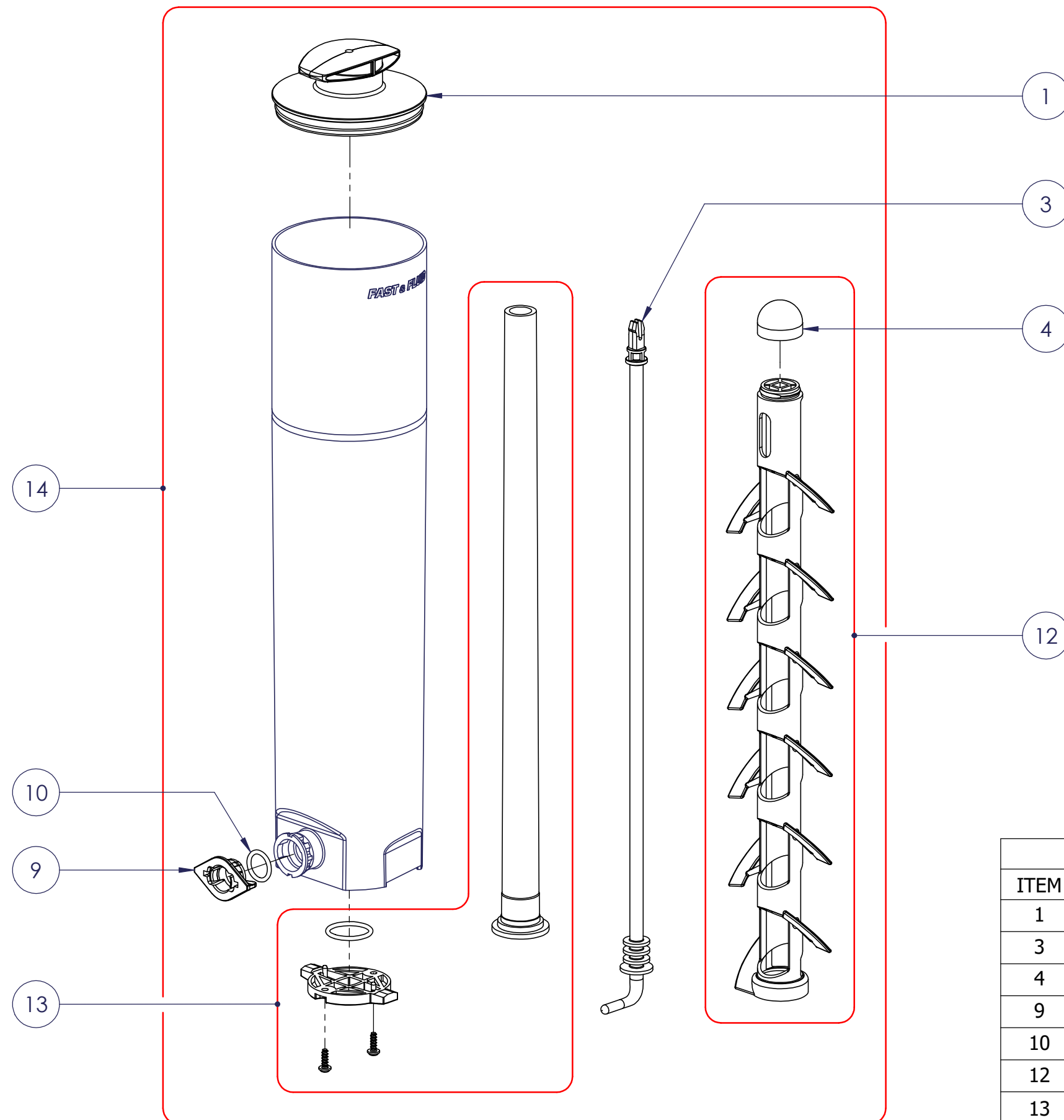
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
9	1819932-SP	Magnet with holder	
10	1819931-SP	Mechanical switch unit	

7640 Canisters, Pump & Tubes



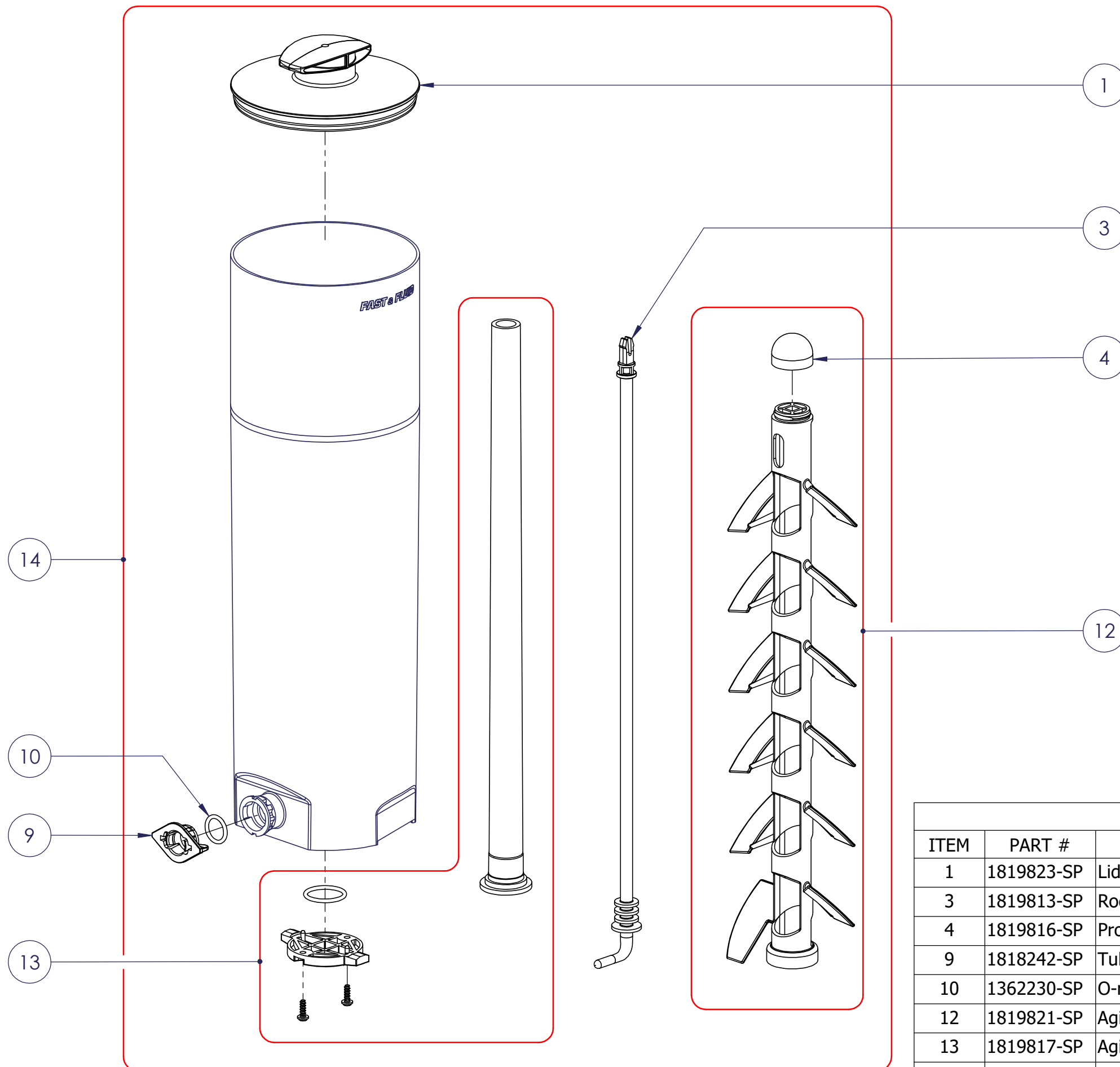
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1		Canister 2,3 L HA180 (1819820-SP)	Page 7641
2		Canister 4,6 L HA180 (1819824-SP)	Page 7642
3		Pump,Ballvalve,40ml (1819840-SP)	Page 7643
4	1810574-SP	Tube,ø16x42.3,HA	

7641 Canister 2,3 L HA180 (1819820-SP)



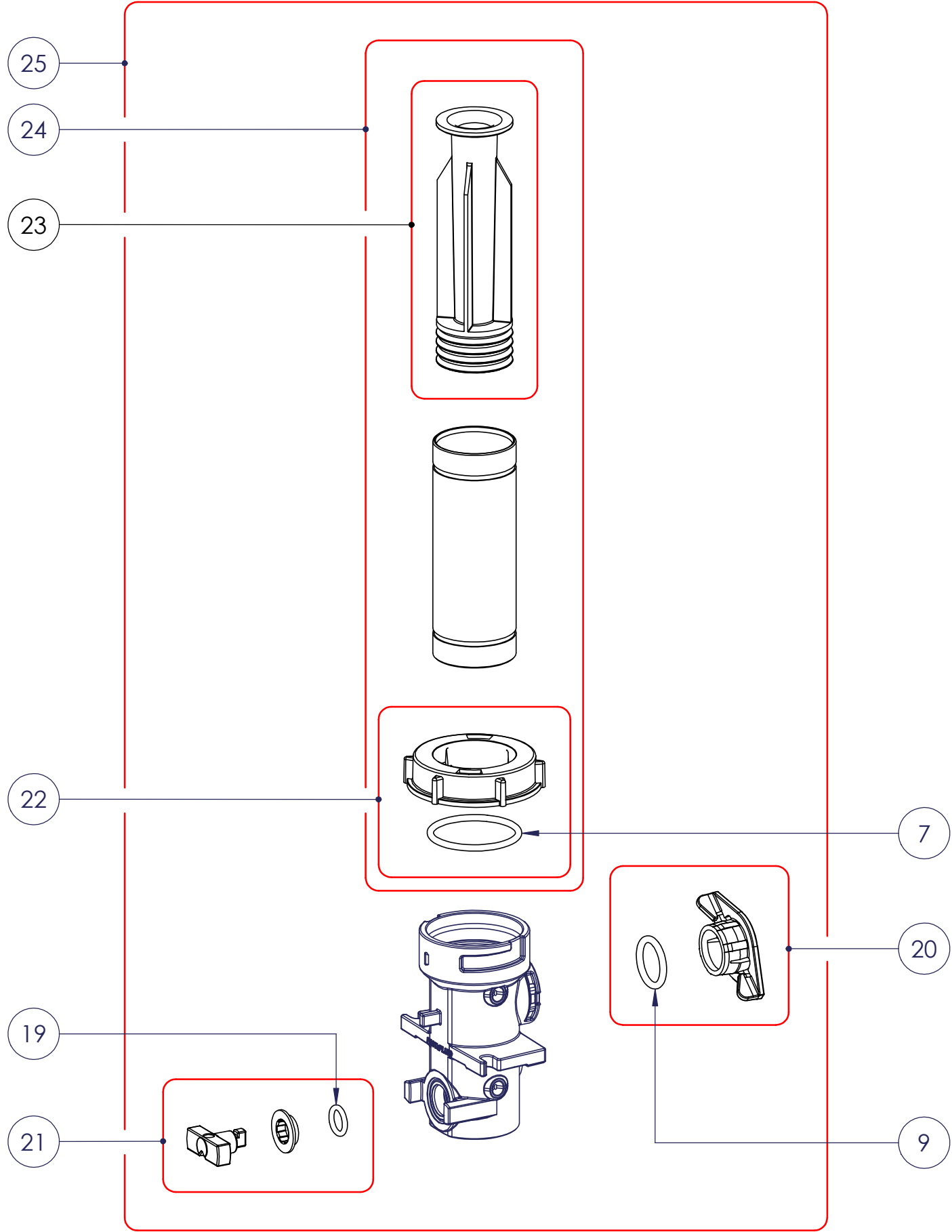
PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1819819-SP	Lid, 2.3 L canister (set 5 pcs)	
3	1819813-SP	Rod, agitation, set 5pcs	
4	1819816-SP	Protector,agitator,set 10pcs	
9	1818242-SP	Tube clip,16mm (set 5 pcs)	
10	1362230-SP	O-ring,viton,15.88x2.62 (set 10 pcs)	
12	1819814-SP	Agitator, 2.3 L can, set 5pcs	
13	1819817-SP	Tube canister	
14	1819820-SP	2.3 L canister	

7642 Canister 4,6 L HA180 (1819824-SP)



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
1	1819823-SP	Lid, 4.6 L canister (set 5 pcs)	
3	1819813-SP	Rod, agitation, set 5pcs	
4	1819816-SP	Protector,agitator,set 10pcs	
9	1818242-SP	Tube clip,16mm (set 5 pcs)	
10	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
12	1819821-SP	Agitator,4.6L,HA180	
13	1819817-SP	Agitator, 4.6 L can, set 5pcs	
14	1819824-SP	4.6 L canister	

7643 Pump,Ballvalve,40ml (1819840-SP)



PARTS LIST			
ITEM	PART #	DESCRIPTION	REMARK
7	1818248-SP	O-ring,32x2.5 (10 pcs)	
9	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
16	1818851-SP	Pistonrod + Piston(set 4pcs)	
19	1863649-SP	O-ring,8,5x2,lever,ballv,10pcs	
20	1818242-SP	Tube clip,16mm (set 5 pcs)	
21	1818250-SP	Lever, valve (set 5pcs)	
22	1818240-SP	Ring,tube,100ml (set 5 pcs)	
23	1818851-SP	Pistonrod + Piston(set 4pcs)	
24	1819517-SP	Pumptube complete	
25	1819840-SP	Pump,Ballvalve,40ml	