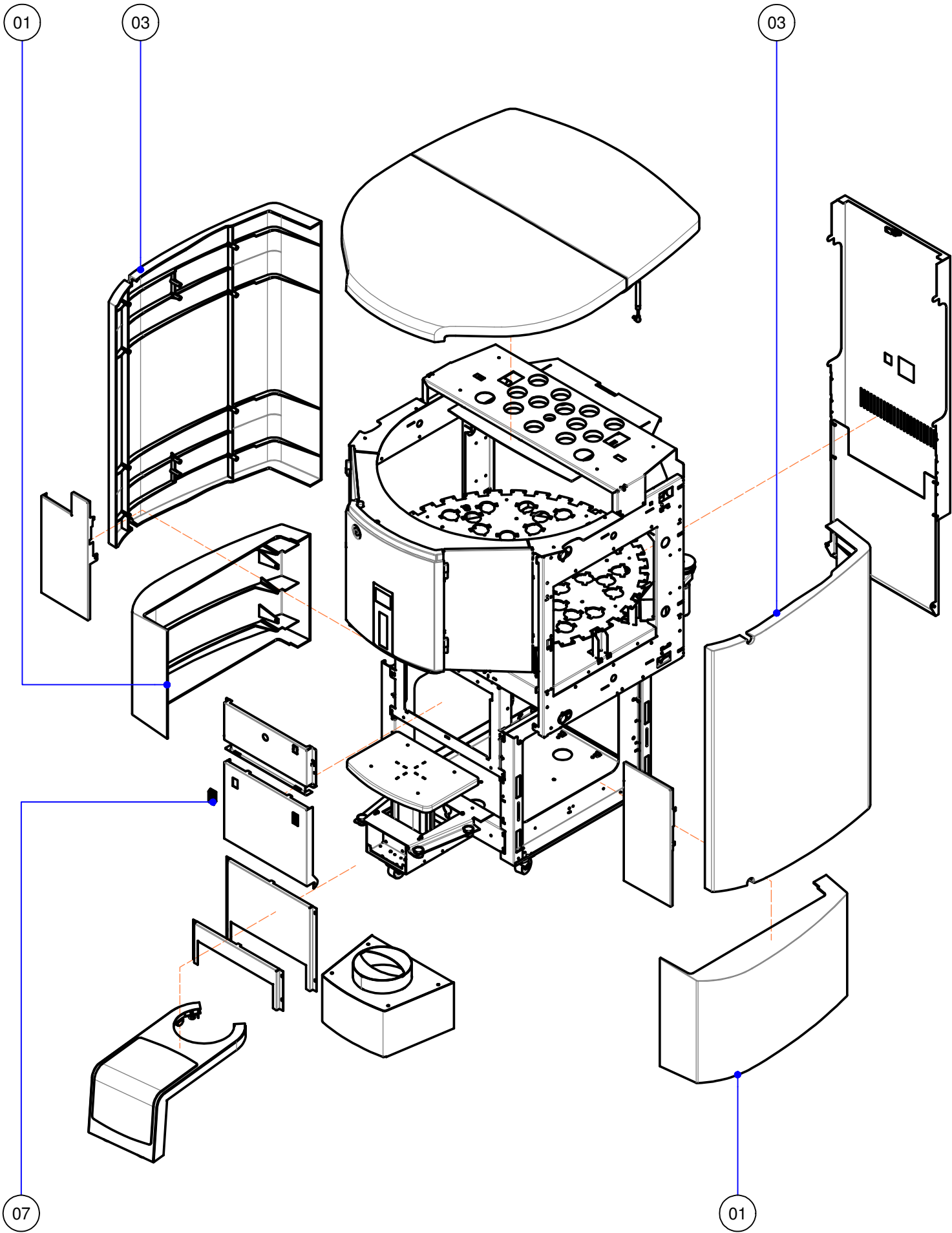




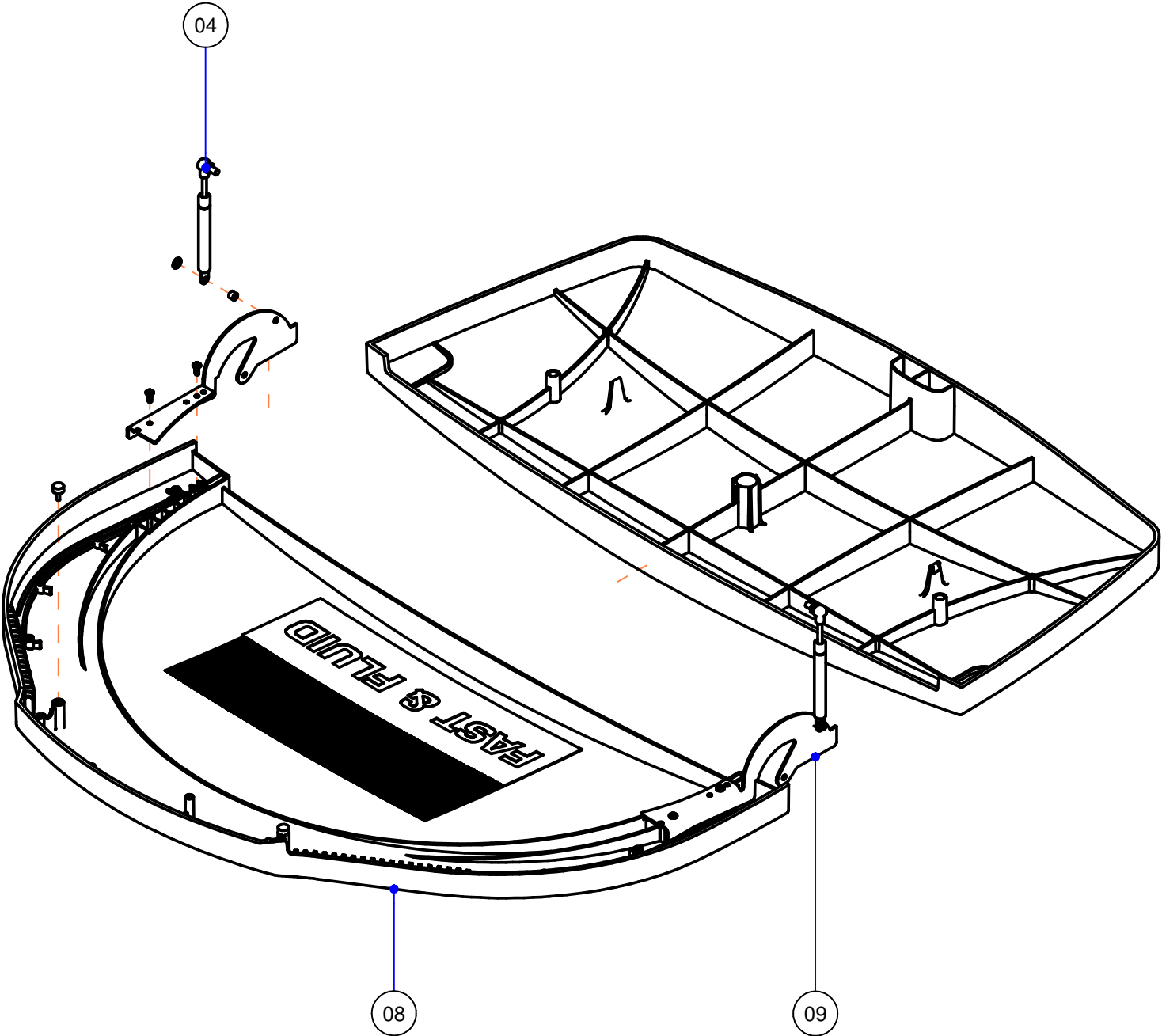
HA650

Sparepartbook

Revisie 11-2010

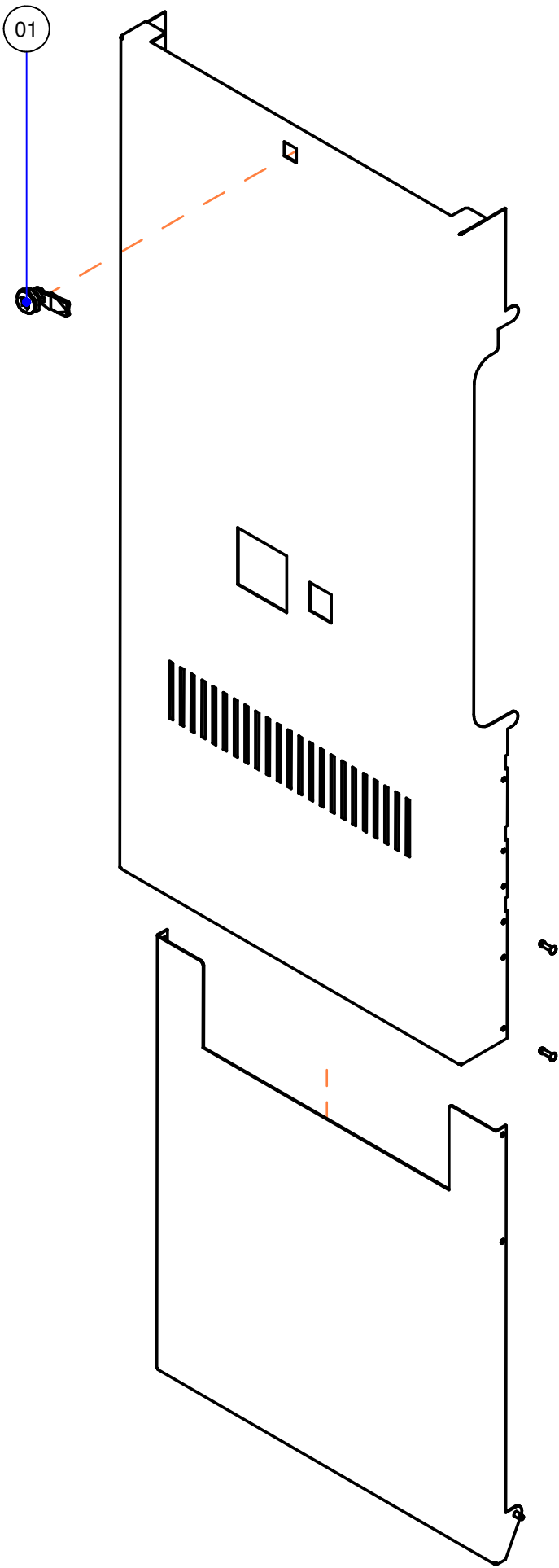


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
01				2
03				2
07	1862332-SP	Latch,slide,40-525		2



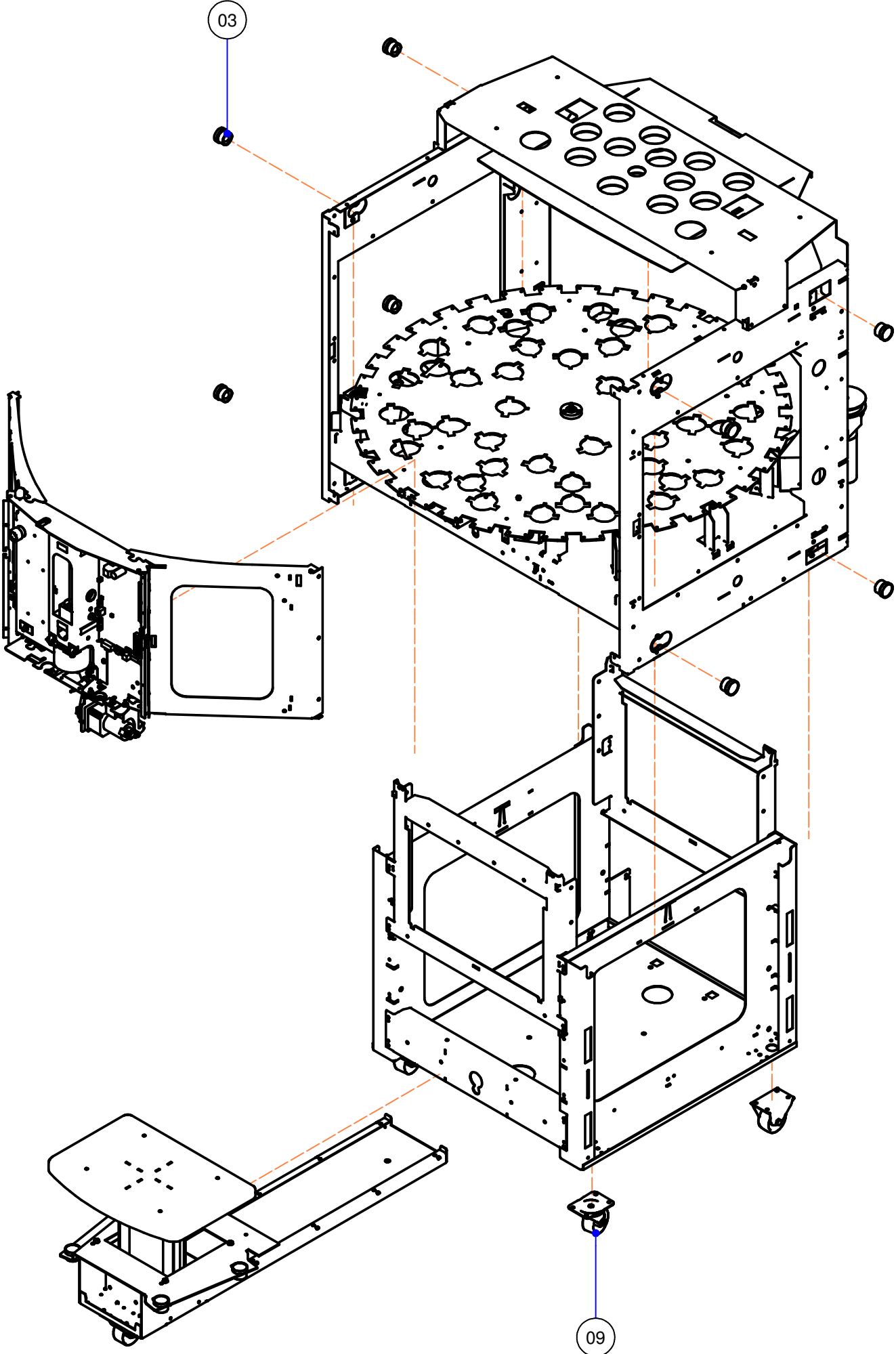
Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
04				2

6006

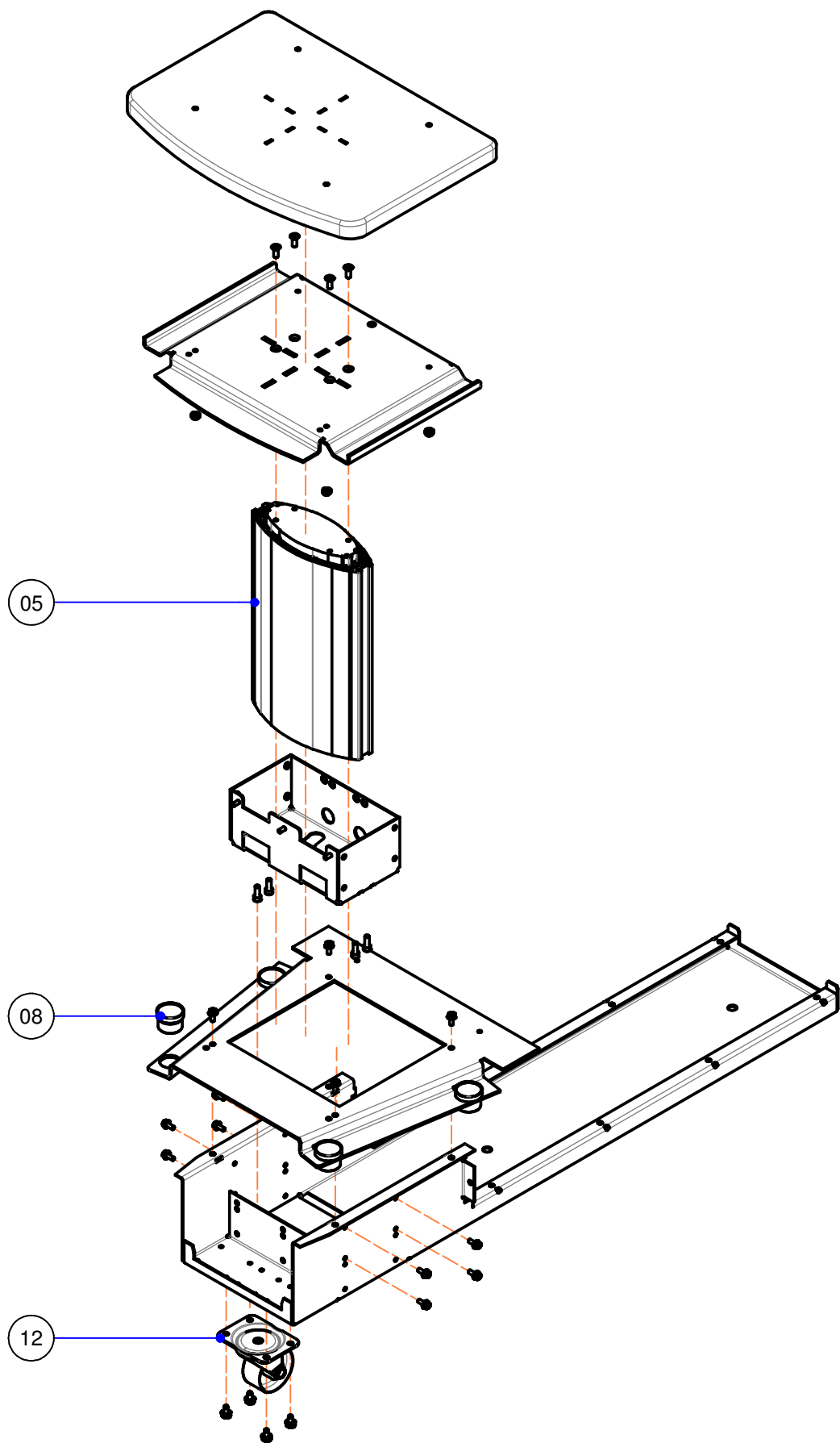


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
01	1862860-SP	Quad,panel,latche,SET		1

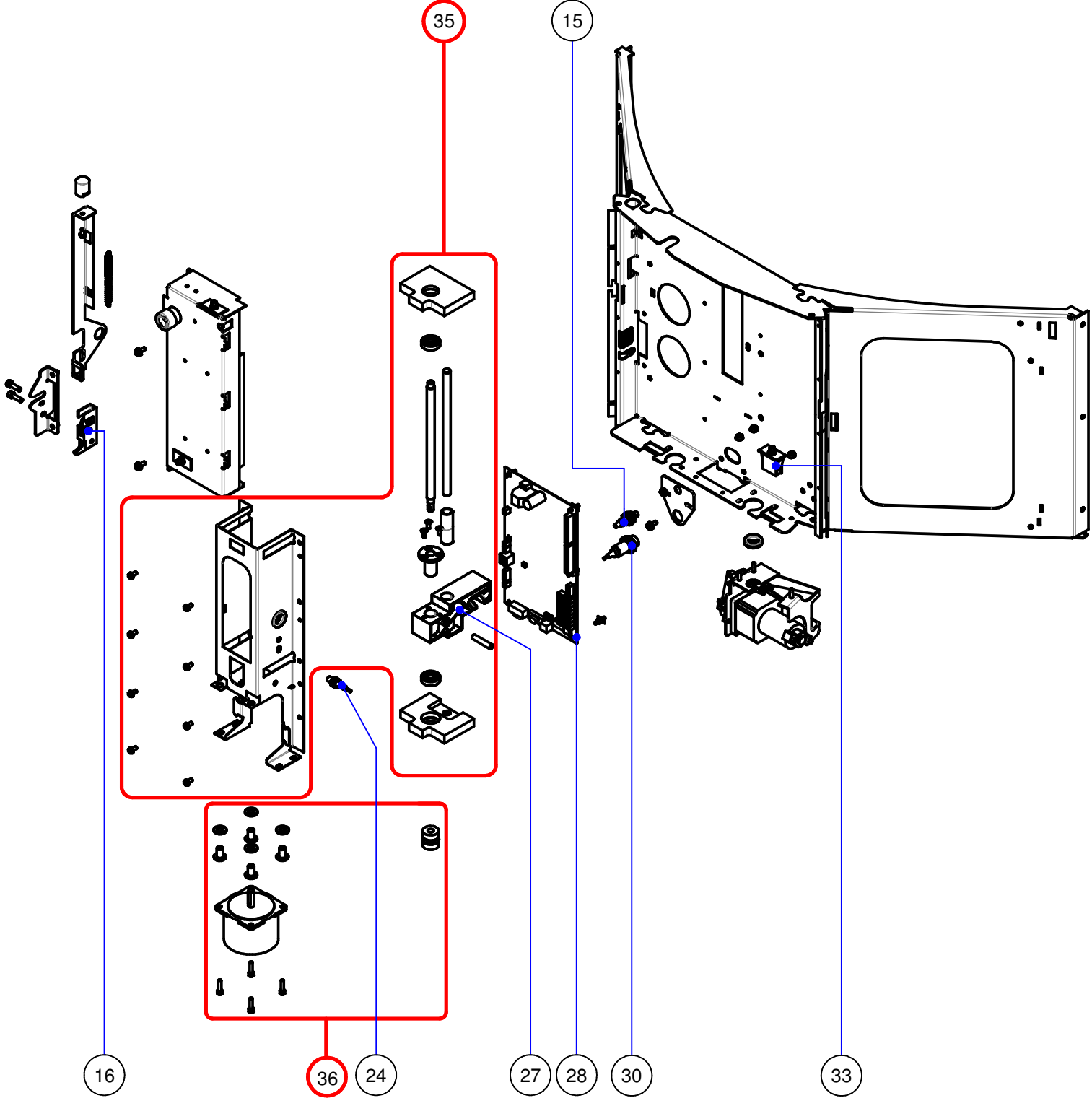
6010



Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
03				8
09	1110340-SP	Wheel,swiveling,set 4 pcs		2

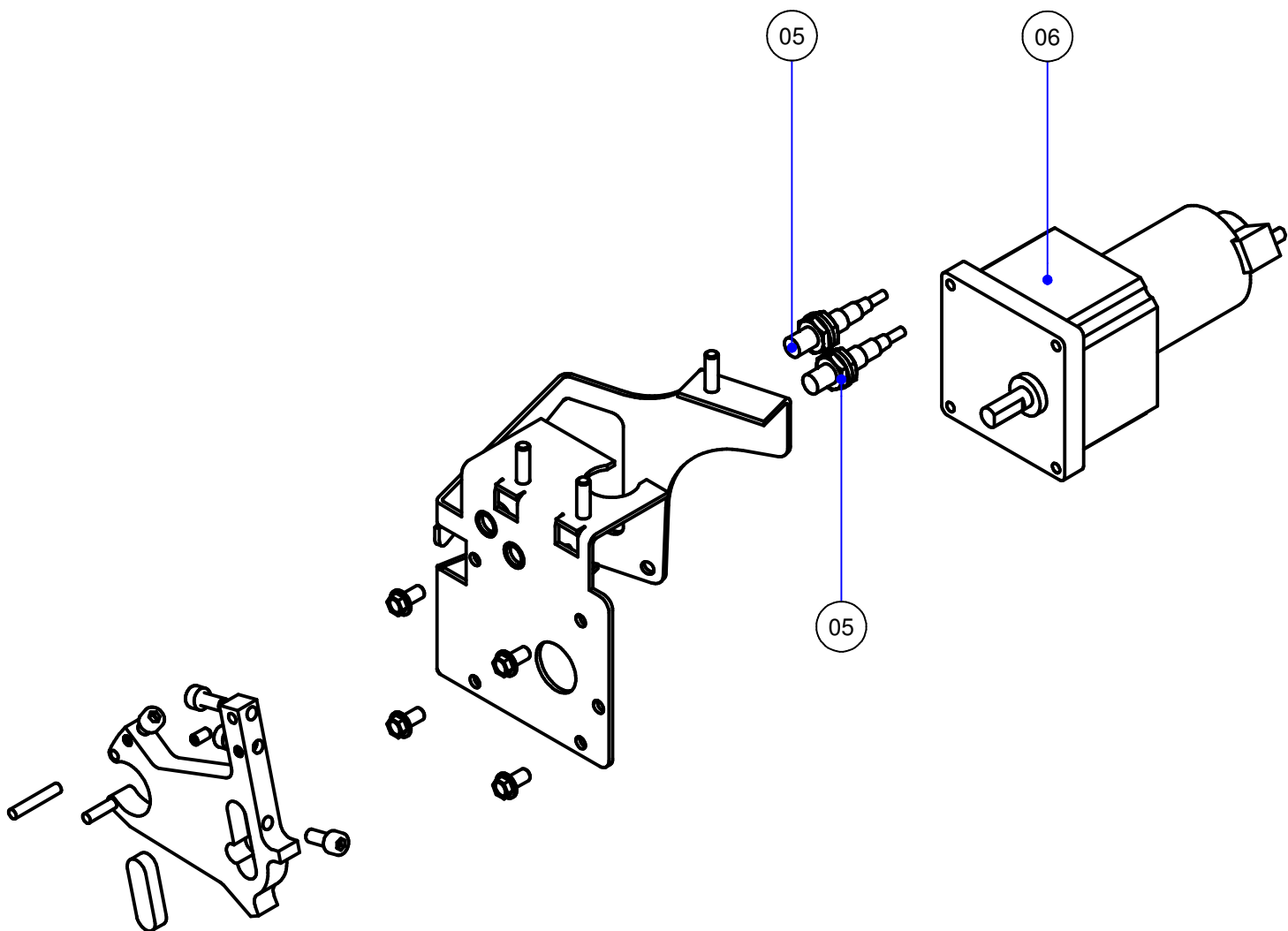


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
05	1862015-SP	Actuator,cantable+ screws,8x		1
08				4
12	1110340-SP	Wheel,swiveling,set 4 pcs		1



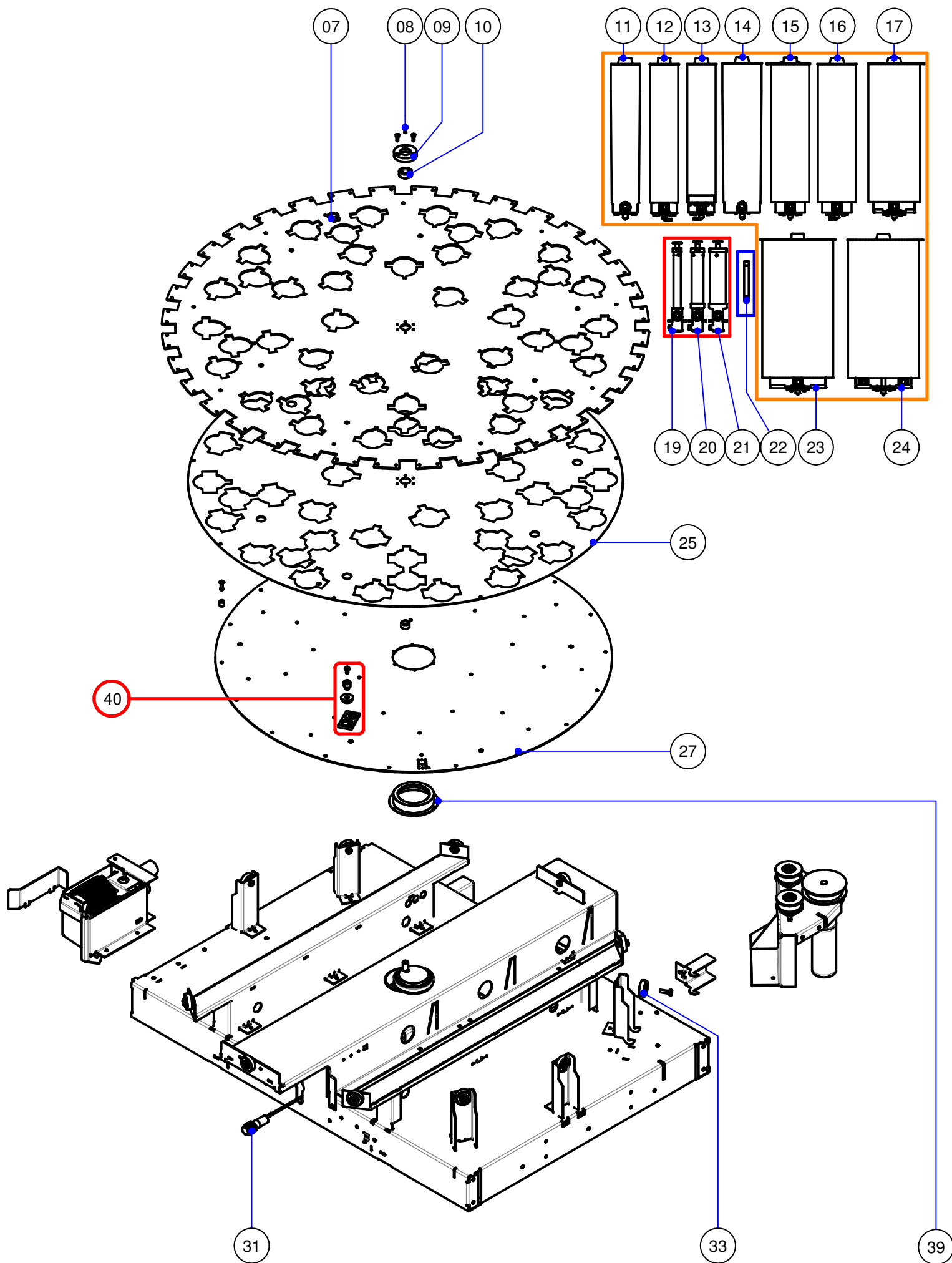
Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
15	1861979-SP	sensor5,tablehomesensor-assy		1
16	1864174-SP	Lock,frontdoor,R4,HA450		1
24	1864020-SP	sensor2/4/8,HA450		1
27	1810651-SP	Gripper,block,pump,assy,2002SD		1
28	1863281-SP	Powerboard,English/German,TMHC		1
30	1863284-SP	Sensor 6,tablepos.HA150/HA		1
33	1862231-SP	Switch,D2D-1102		1
35	1813733-SP	Complete gripper assy,HA450		1
36	1860071-SP	Stepmotor,2-fase,with coupling		1

6021



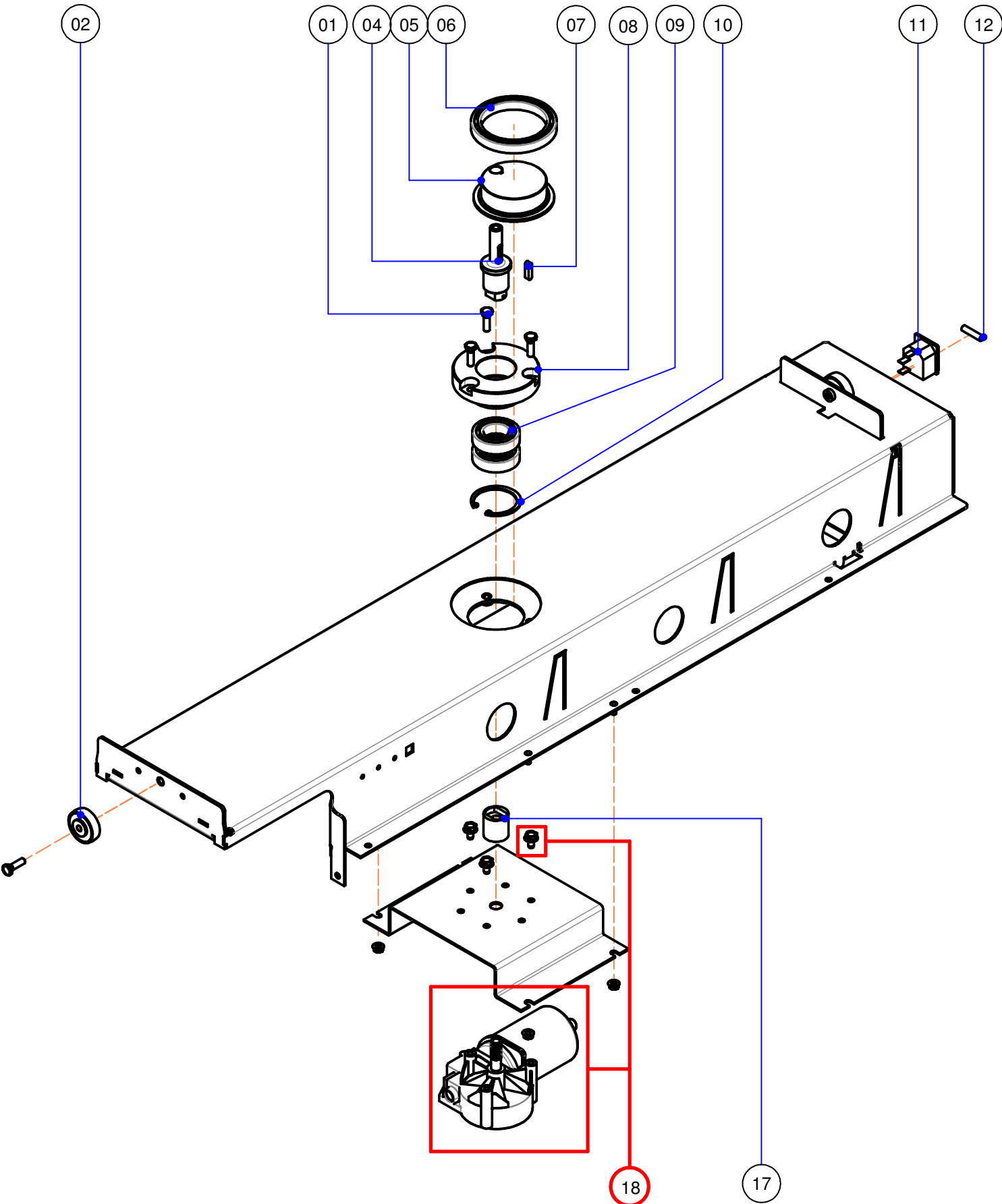
Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
05	1864020-SP	sensor2/4/8,HA450		1
06	1861943-SP	Motor,80.805.0,24V,i=245		1

6030



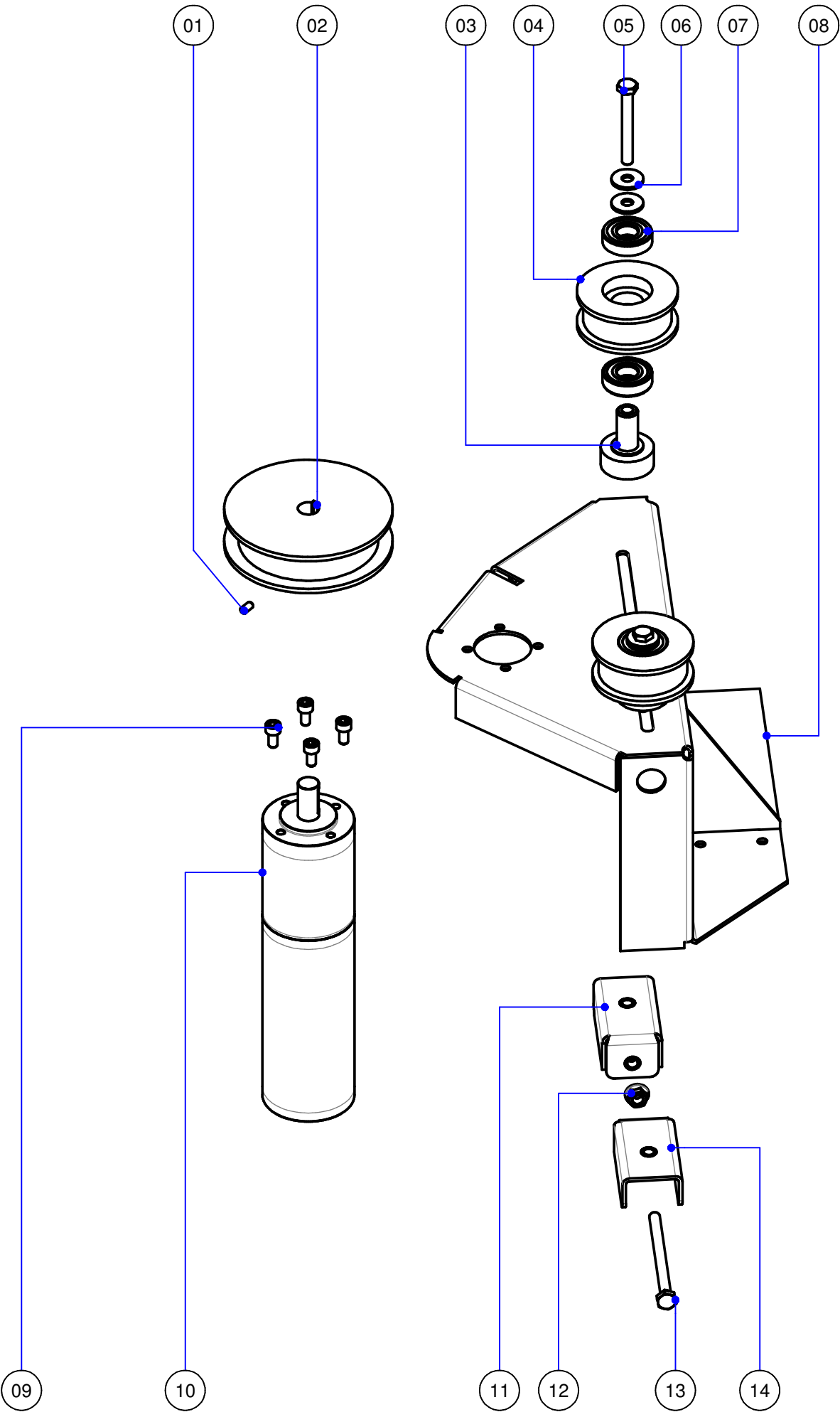
Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
07	1810146-SP	Turntable+agitplate,36c(8),HA6	Pos. 7 & 25	1
11	1862307-SP	Canister,3L,POM,assy,HA		1
12	1806503-SP	Can.(SS)&agit(POM)assy,3L,HA		1
13	1809888-SP	Canister,assy,3L,sst,HA		1
13	1863215-SP	Can.,steel,st.agit,3L,HA		1
14	1862380-SP	Canister,assy,6L,POM,HA		1
15	1806504-SP	Canister&agit(POM),6L,HA-m-l		1
16	1810596-SP	Canister,6L,RVS,assy,HA		1
16	1863216-SP	Can.,steel,st.agit,6L,HA		1
17	1810599-SP	Canister,10L,assy,HA		1
18	1810560-SP	Ballvalve&pump,assy,2-Oz		1
19	1863065-SP	Ballvalve,5oz,high,thr.HA2/4/6		1
22	1810574-SP	Tube,ø16x134.3,2002SD		1
22	1810575-SP	Tube,ø16x134.3,2002SD		1
22	1810576-SP	Tube,ø16x151.3,2002SD		1
22	1810577-SP	Tube,ø16x59.3,2002SD		1
22	1810578-SP	Tube,ø16x173.3,2002SD		1
22	1810579-SP	Tube,ø16x190.3,2002SD		1
22	1810580-SP	Tube,ø16x180.3,2002SD		1
22	1810581-SP	Tube,ø16x197.3,2002SD		1
22	1810582-SP	Tube,ø16x117.3,2002SD		1
22	1810583-SP	Tube,ø16x232.3,2002SD		1
22	1810584-SP	Tube,ø16x74.3,2002SD		1
22	1810585-SP	Tube,ø16x91.3,2002SD		1
22	1810586-SP	Tube,ø16x263.3,2002SD		1
22	1810587-SP	Tube,ø16x280.3,2002SD		1
22	1810588-SP	Tube,ø16x316.3,2002SD		1
22	1810589-SP	Tube,ø16x237.3,2002SD		1
22	1810590-SP	Tube,ø16x254.3,2002SD		1
22	1810591-SP	Tube,ø16x333.3,2002SD		1
22	1810592-SP	Tube,ø6x139.8,2002SD		1
23	1810603-SP	Canister,assy,20L,1exit,2002SD		1
24	1810763-SP	Canister,assy,20L,2exit,middle		1
27	1809842-SP	Plate,agit,assy,36c(8),2002SD		1
33	1862422-SP	Wheel,traversing,centric,35mm		9
40	1809251-SP	Plate,crank,support,2002SD		1
	1862542-SP	Crank,assy,HA	Pos.8,9,10,39 + Page 6031 Pos. 1,4,5,6,7,8,9,10	1

6031

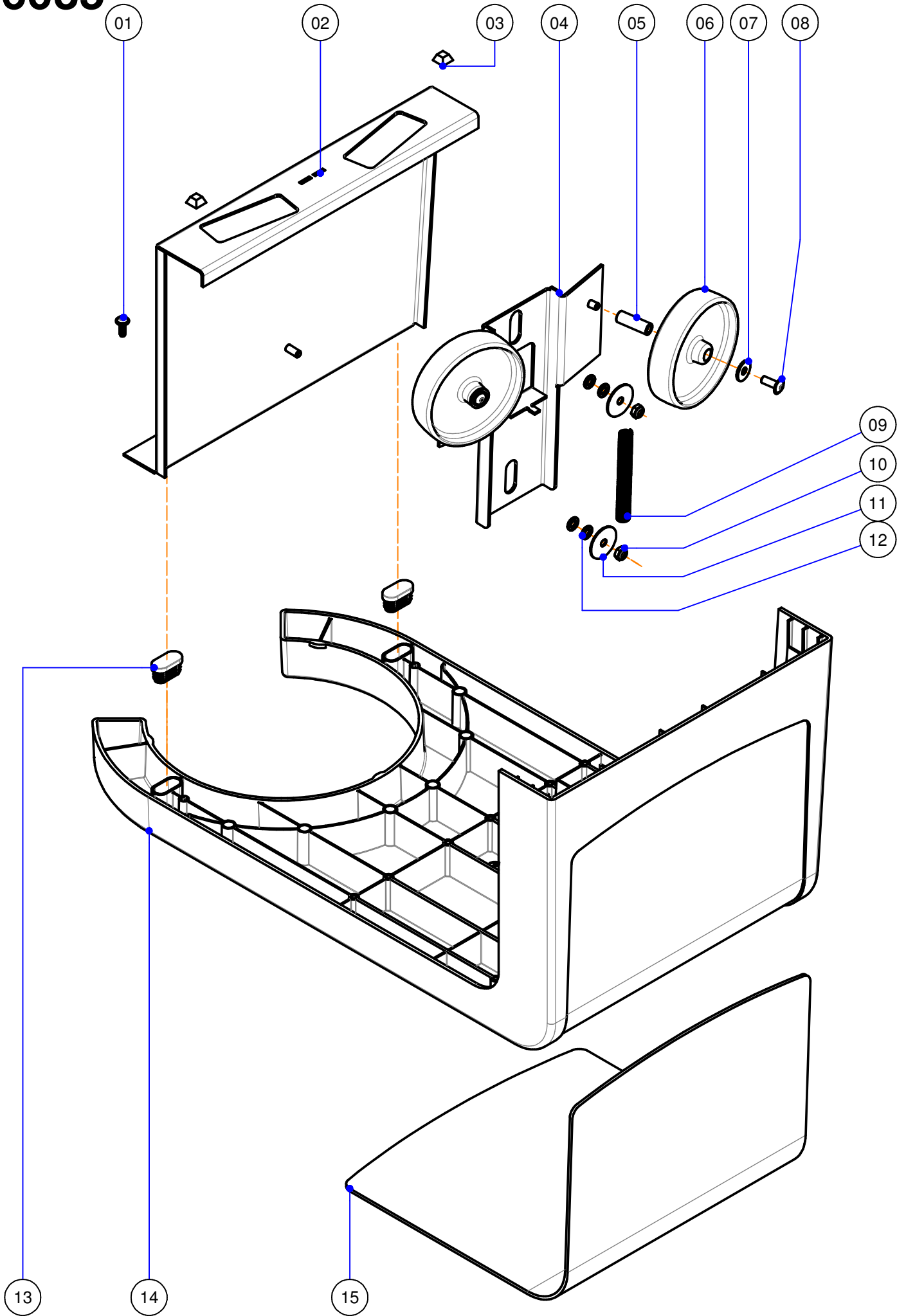


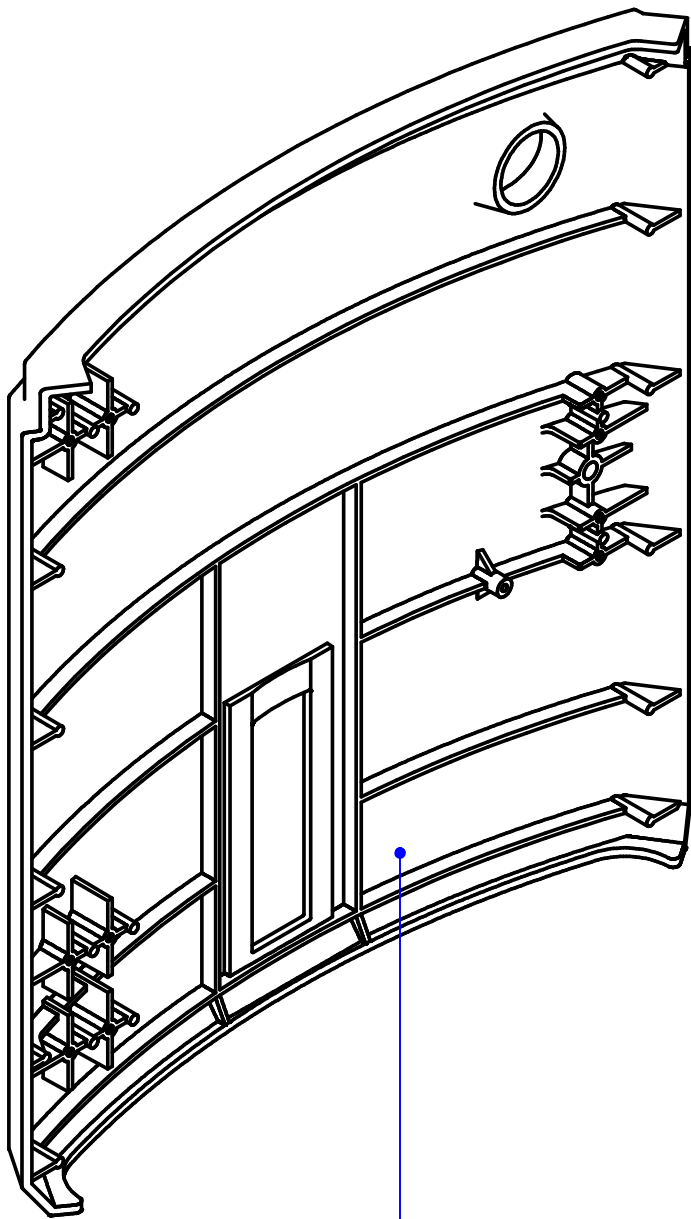
Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
02	1862422-SP	Wheel,traversing,centric,35mm		2
04	1810526-SP	Shaft,center,agit,crank,2002SD		1
11	1862239-SP	Net-entry,snap fit,disp2002		1
12	1602782-SP	Fuse,10A,set,10pcs		1
17	1813254-SP	Coupling,motor,subframe,HA		1
18	1863708-SP	Motor,404.938		1
	1862542-SP	Crank,assy,HA	Pos.1,4,5,6,7,8,9,10 + Page 6030 Pos.8,9,10,39	1

6032

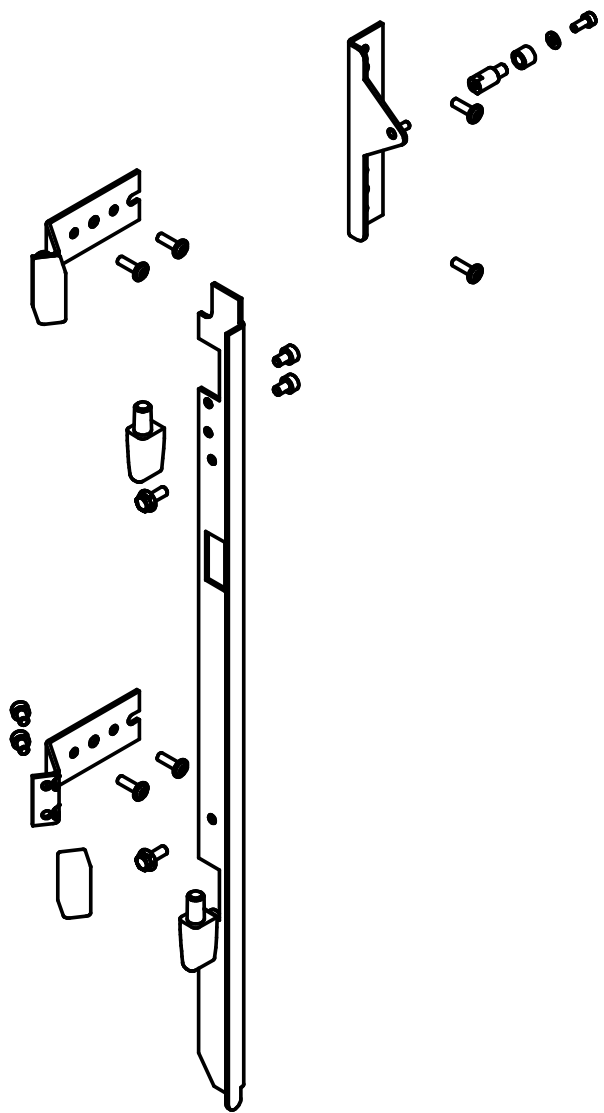


6035

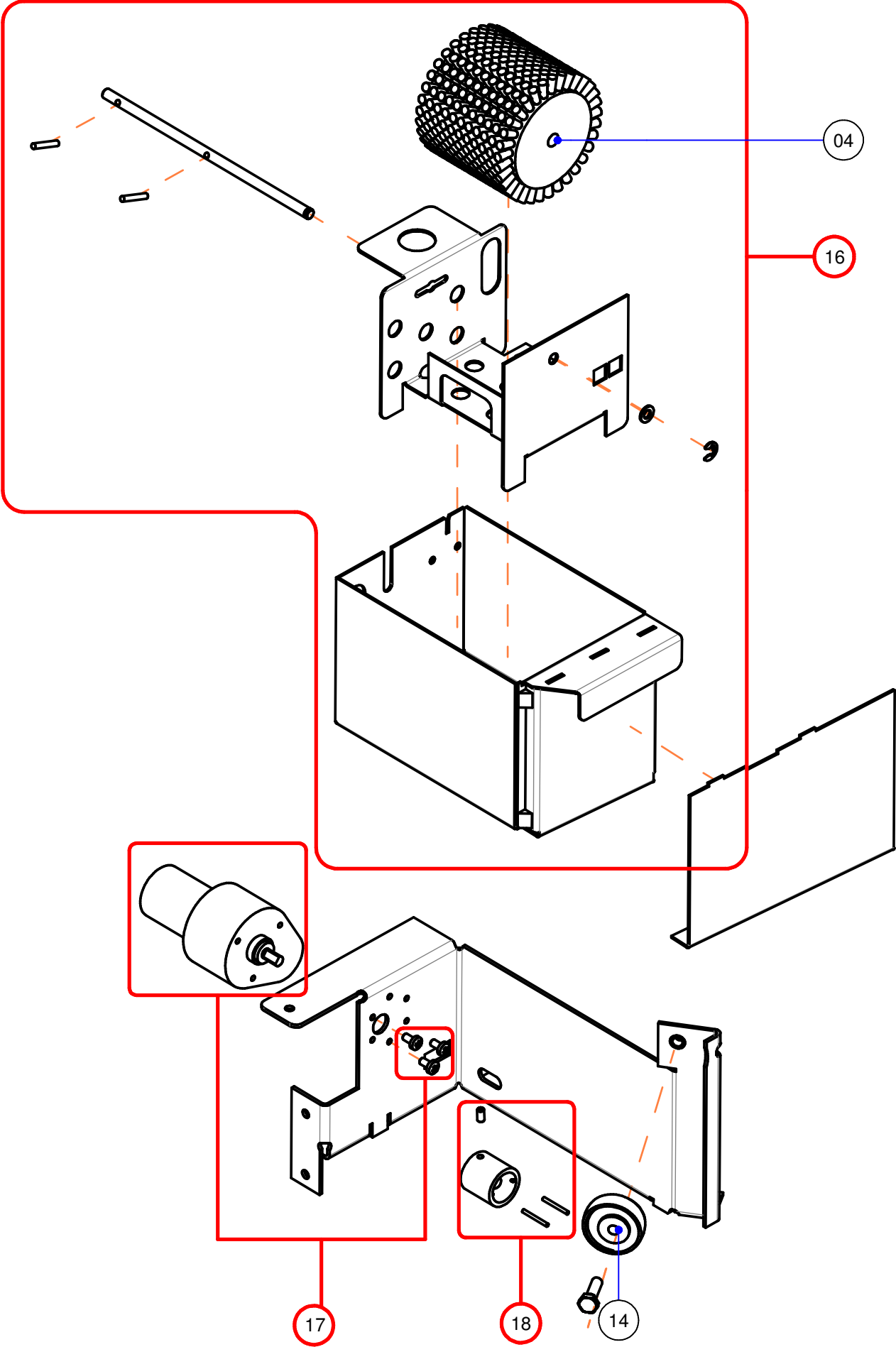




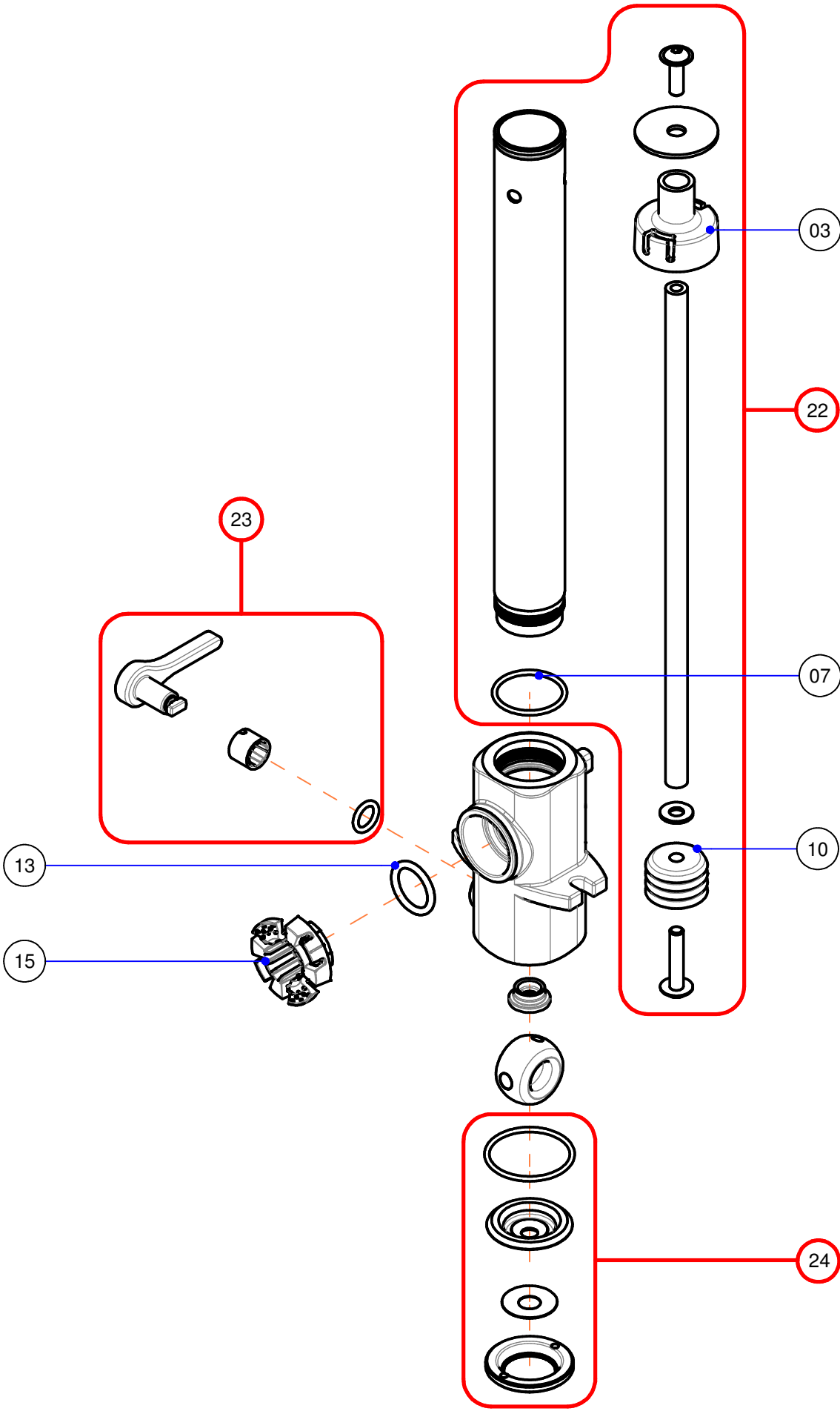
06



Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
06	1813726-SP	Panel,front,HA450		1

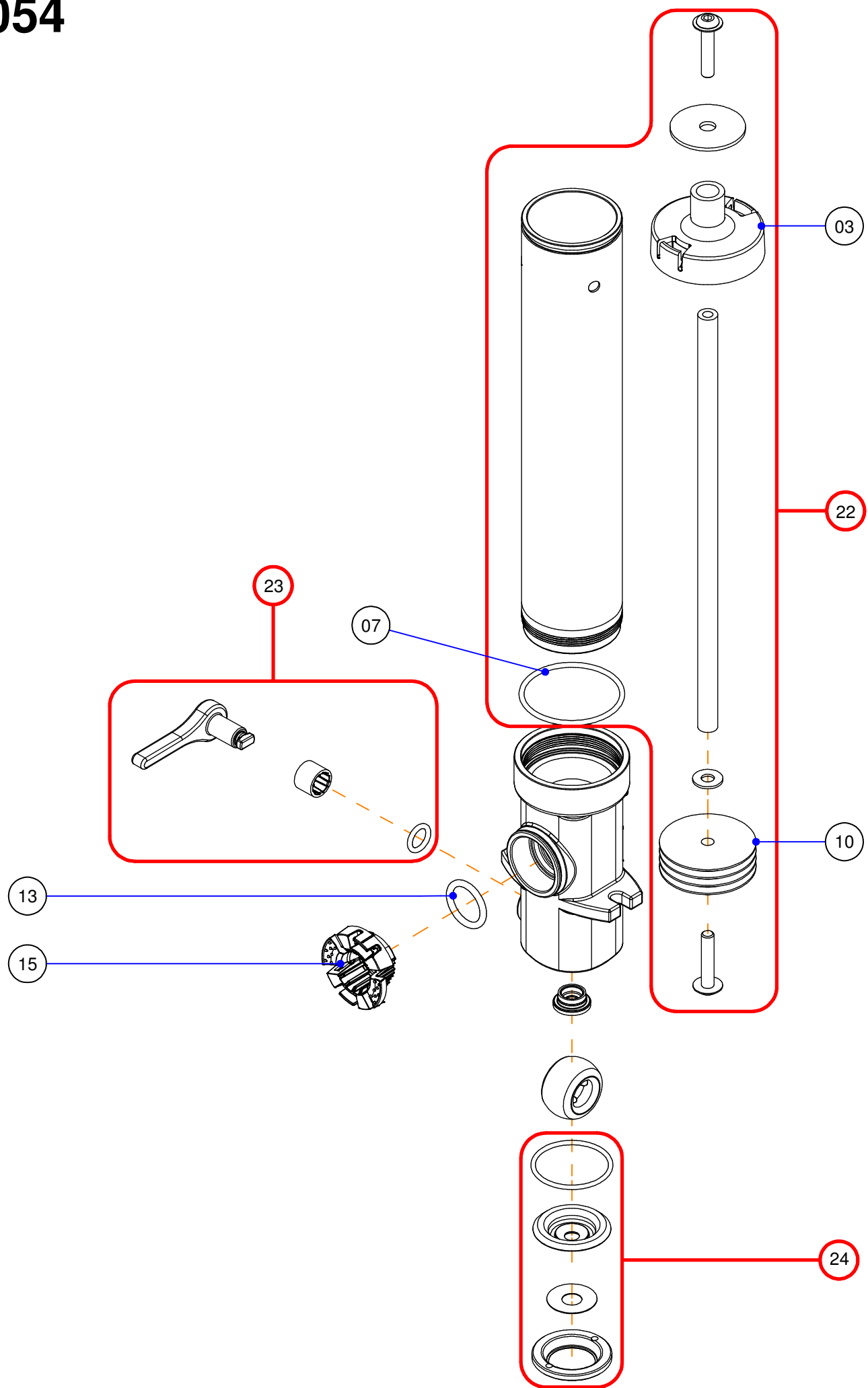


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
04	1814029-SP	Brush,HA450		1
14	1862422-SP	Wheel,traversing,centric,35mm		1
16	1813952-SP	Brush,container,assy,HA450		1

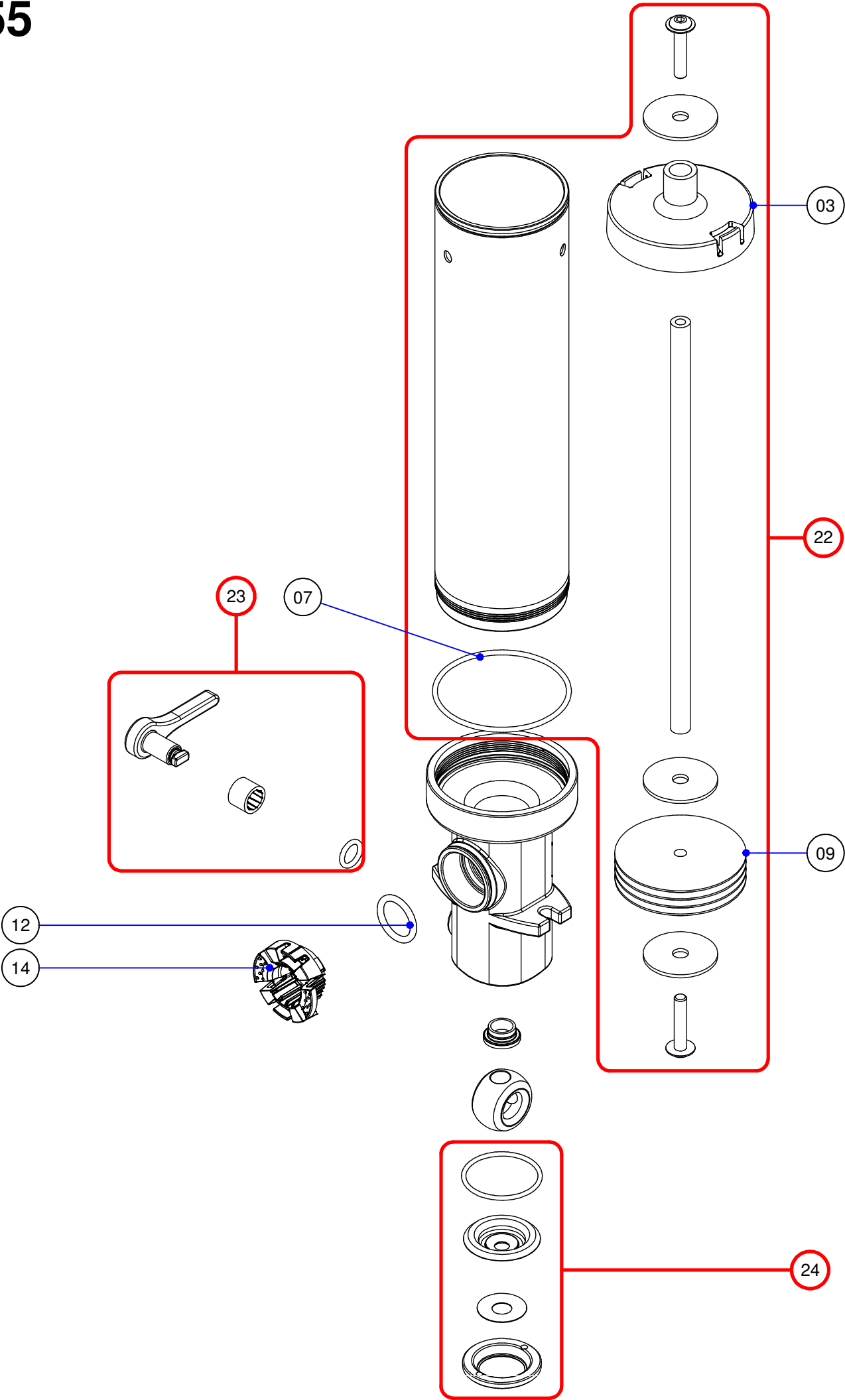


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
03	1813428-SP	cap,tube,2-oz,5pcs		1
07	1861350-SP	O-ring,23.52x1.78.vit/set10pcs		1
10	1810932-SP	Piston,teflon,2oz,4seals,1pcs		1
13	1362230-SP	O-ring,can,vit,15.88x2.62 10st		1
15	1861349-SP	ring,click,tube,ballvalve06(5x		1
22	1813327-SP	tube,ballvalve,2-oz,complete		1
23	1810556-SP	Arm,assy,ballvalve		1
24	1813158-SP	ballvalve,nozzle,upgrade,kit		1

6054

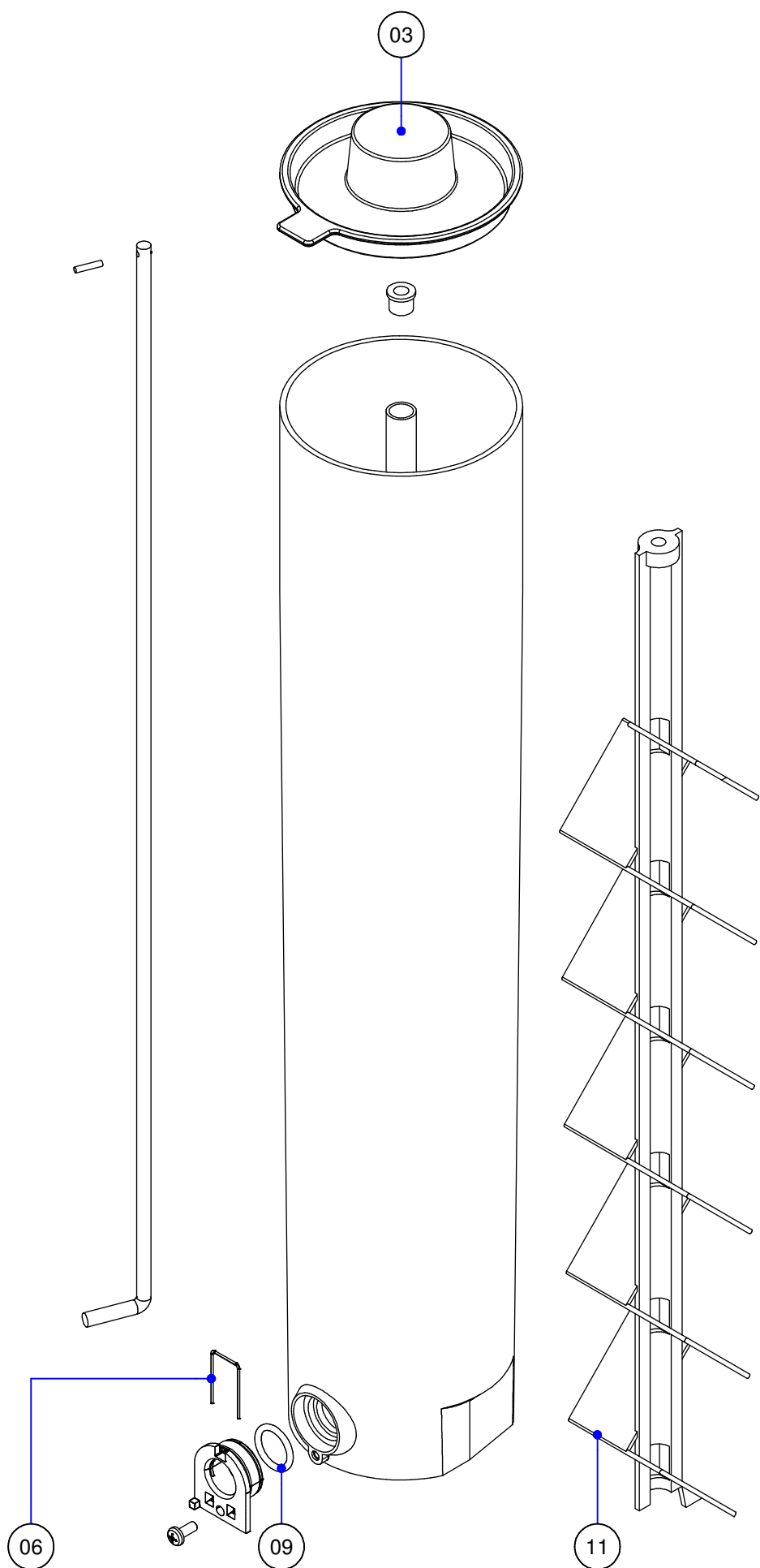


Spareparts List				
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QTY
03	1863759	cap,5-oz,inj.mould		1
07	1863714-SP	O-ring,38x2,viton (10x)		1
10	1810933	Piston,teflon,5oz,4seals,10pcs		1
13	1362230	O-ring,can,vit,15.88x2.62 10st		1
15	1861349	ring,click,tube,ballvalve06(5x		1
22	1813419-SP	tube,ballvalve,5-oz,complete	pos.1,2,3,4,5,7,9,10,14	1
23	1810556-SP	Arm,assy,ballvalve	pos.6,8,11	1
24	1813158-SP	ballvalve,nozzle,upgrade,kit	pos.18,19,20,21	1



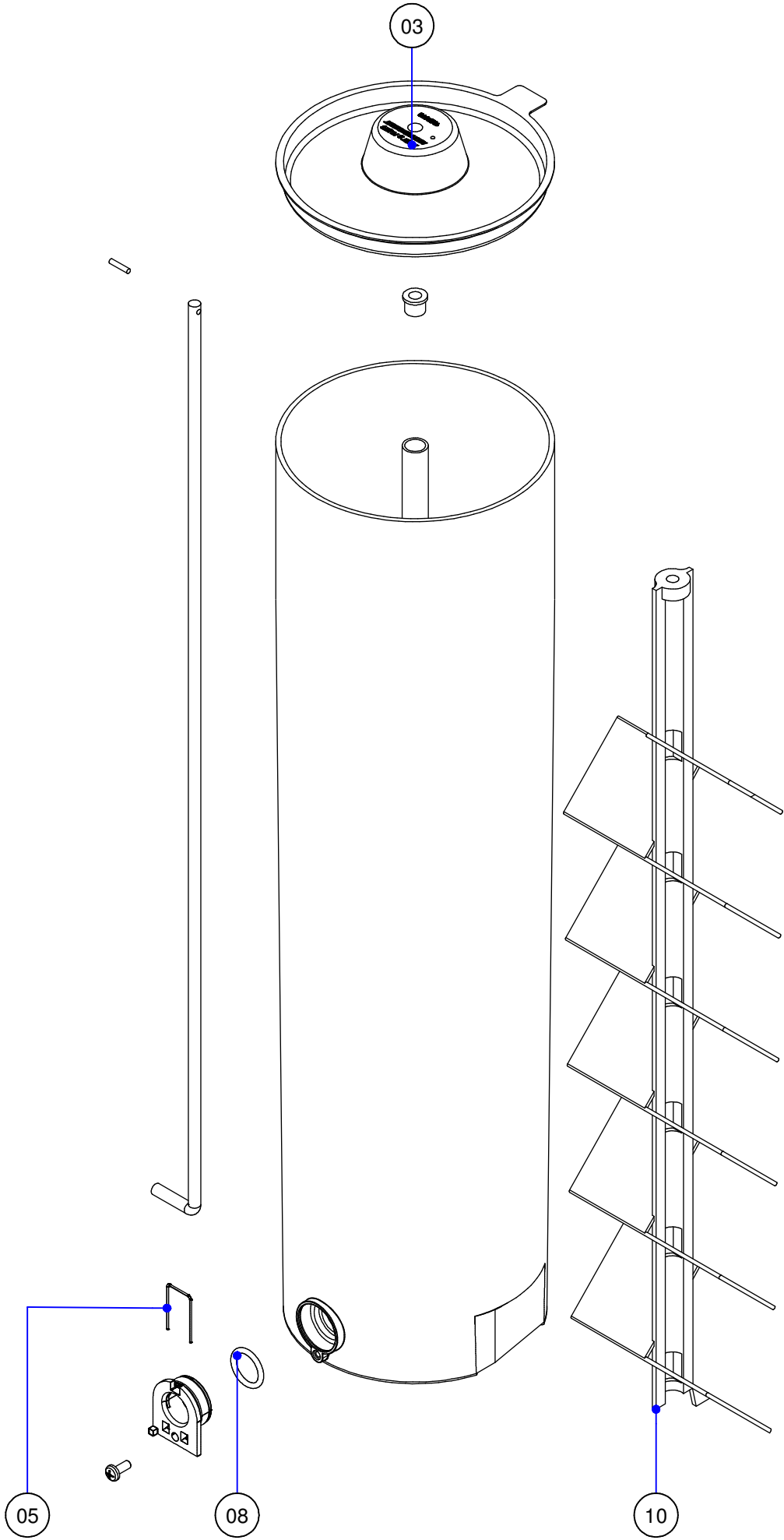
Spareparts List				
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QTY
03	1863710	cap,tube,10-oz, 5pcs		1
07	1863653	O-ring,52x2, viton,10oz,10pcs		1
09	1813322	piston,ballvalve,10-oz,10pcs		1
12	1362230	O-ring,can,vit,15.88x2.62 10st		1
14	1861349	ring,click,tube,ballvalve06(5x		1
22	1813326-SP	tube,ballvalve,10-oz,complete		1
23	1810556-SP	Arm,assy,ballvalve		1
24	1813158-SP	ballvalve,nozzle,upgrade,kit		1

6056(3L)

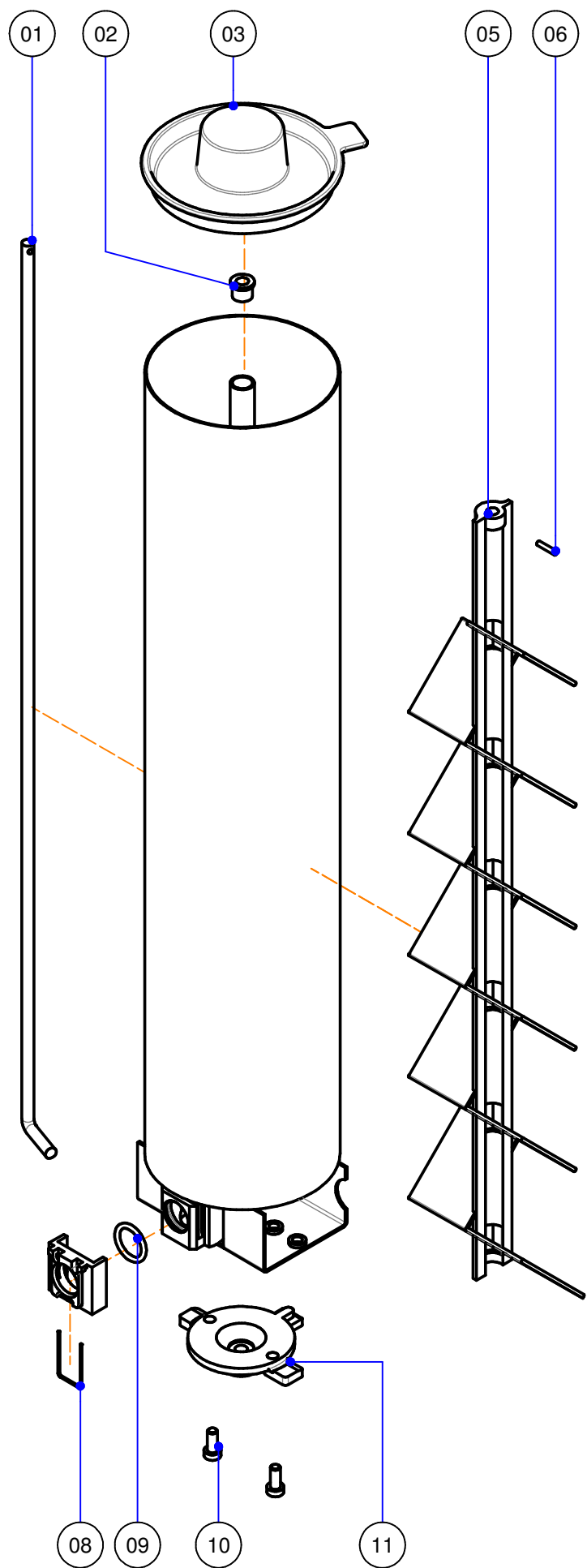


Spare Parts List				
ITEM	PART NUMBER	DESCRIPTION	REMARKS	QTY
03	1802146-SP	Cover,POM,can.2.5/3L,HA-s/m/l		1
06	1809909-SP	Spring,tube,can/pump,set,10pcs		1
09	1362230-SP	O-ring,can,vit,15.88x2.62 10st		1
11	1807645-SP	Agitator,POM,3L,POM,can,HA		1

6057(6L)

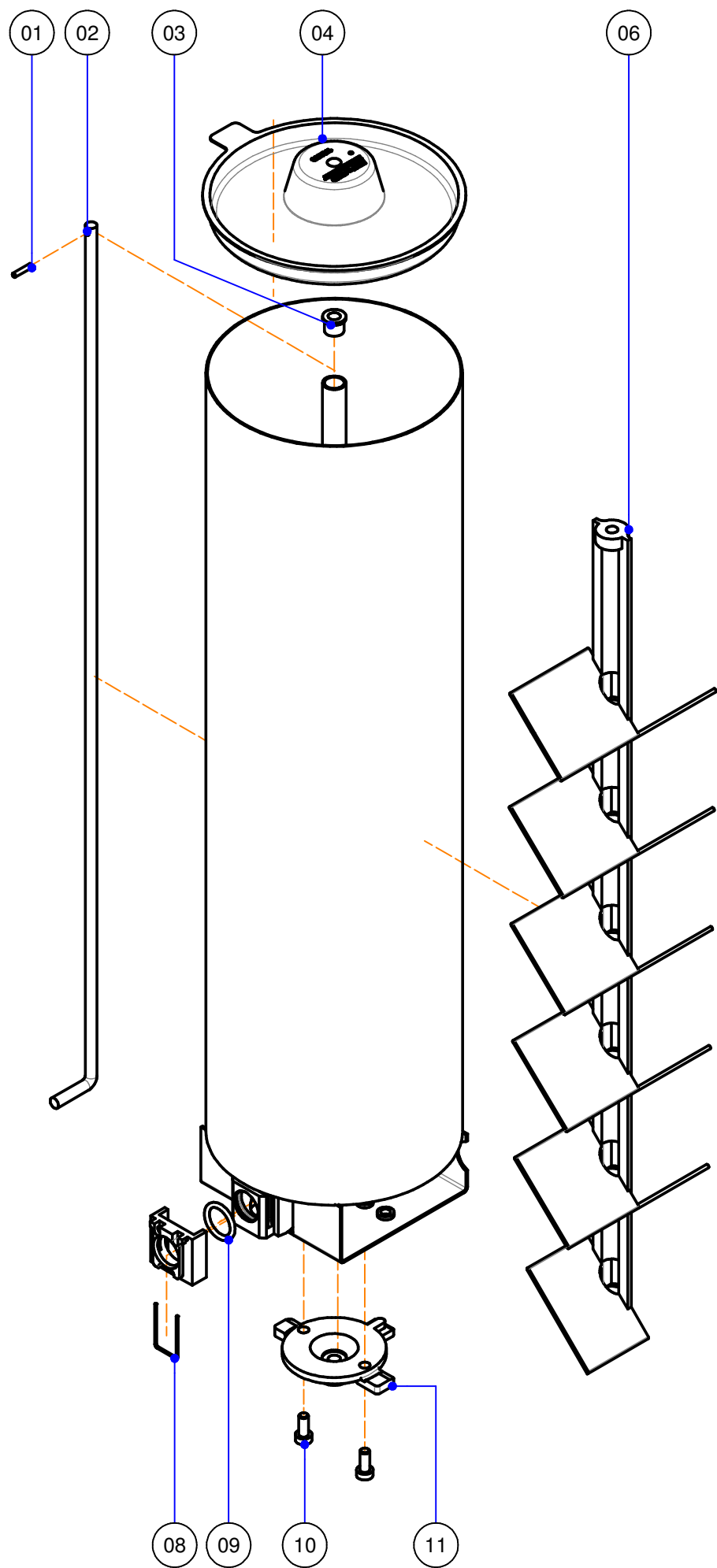


Spare Parts List				
ITEM	PART NUMBER	DESCRIPTION	POS NRS	QTY
03	1802378-SP	Cover,POM,5/6l can,HA-s/m/l		1
05	1809909-SP	Spring,tube,can/pump,set,10pcs		1
08	1362230-SP	O-ring,can,vit,15.88x2.62 10st		1
10	1807682-SP	Agitator,POM,5.9L,POM,can,HA		1



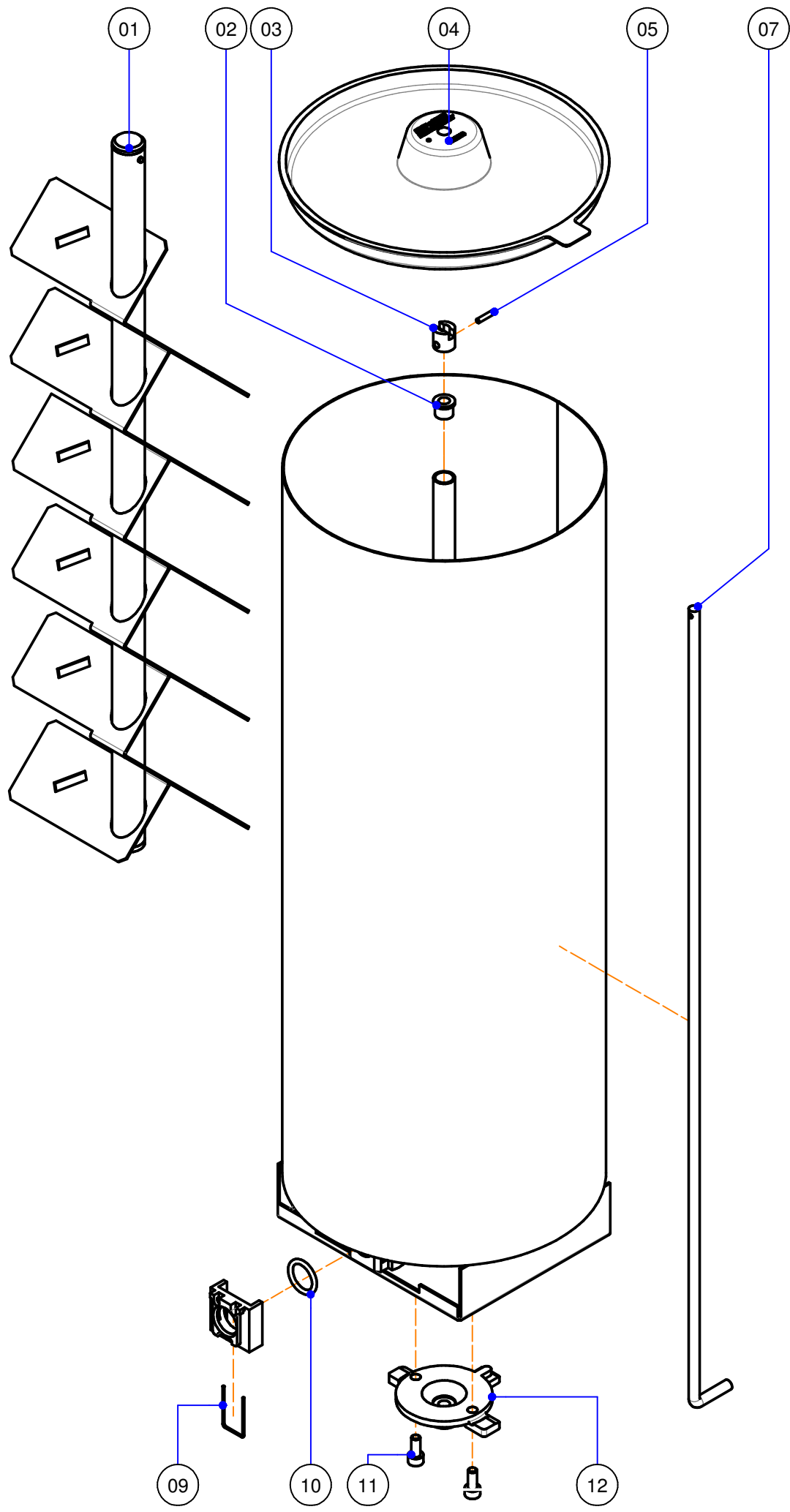
Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
01	1809284-SP	Shaft,agit,3-6-10-20L,can		1
02	1801447-SP	Bush,shaft-pipe,set,HA,10pcs		10
03	1802146-SP	Cover,POM,can,2,5-3L		1
06	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.		25
08	1809909-SP	Spring,tube,can/pump,set,10pcs		10
09	1362230-SP	O-ring,can,vit,15.88x2.62 10st		10
	1809854-SP	Cap,bottom,Sst can,with screws	Pos. 10+11	1
	1805622-SP	Agitator(POM),3L sst can.,HA	Pos. 5+6	1

6059



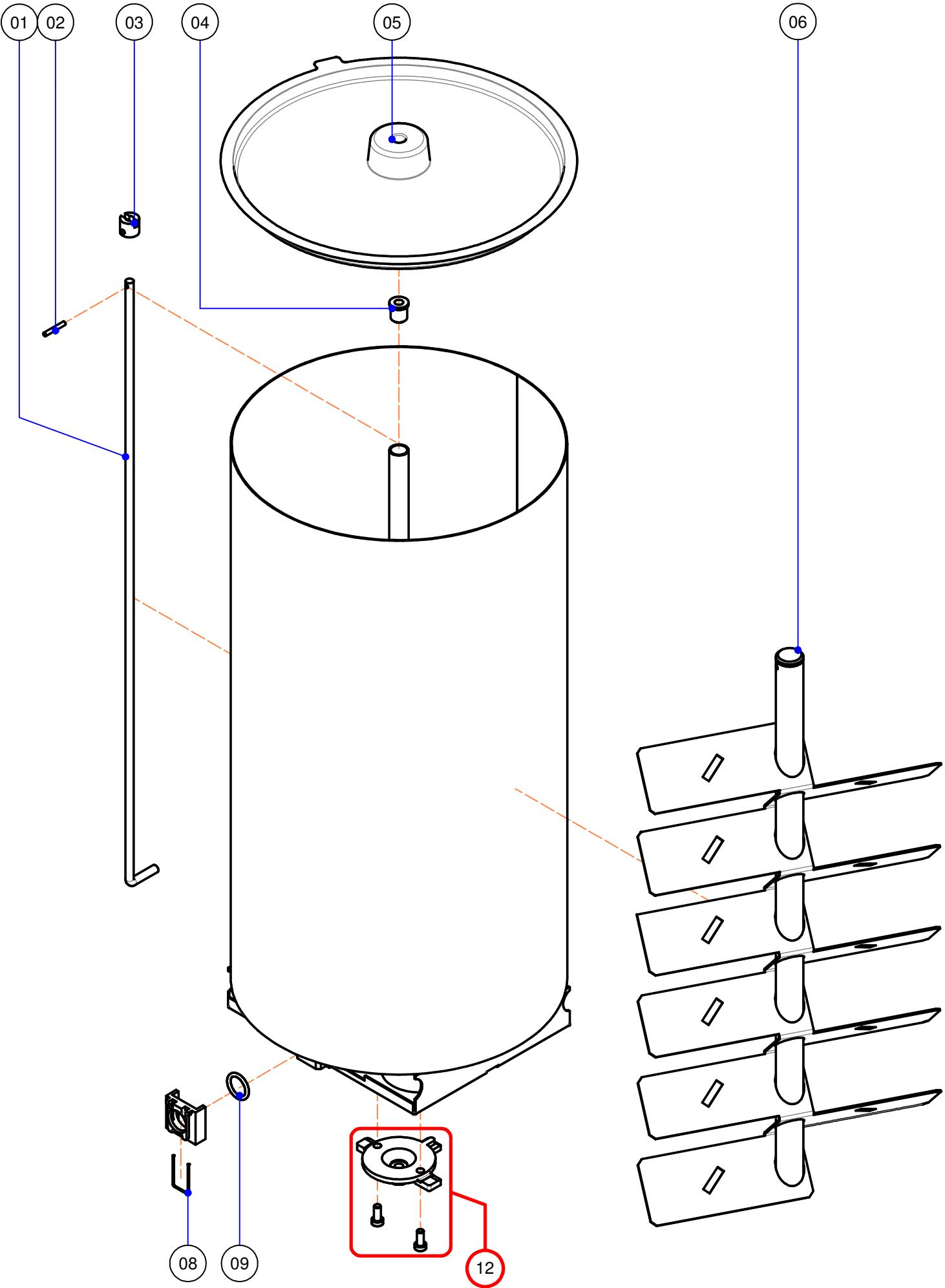
Parts List				
ITEM	STOCK NUMBER	AUTHORITY	REMARKS	QTY
01	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.		25
02	1809284-SP	Shaft,agit,3-6-10-20L,can		1
03	1801447-SP	Bush,shaft-pipe,set,HA,10pcs		10
04	1802378-SP	Cover,POM,5/6L,can,HA		1
08	1809909-SP	Spring,tube,can/pump,set,10pcs		10
09	1362230-SP	O-ring,can,vit,15.88x2.62 10st		10
	1809854-SP	Cap,bottom,Sst can,with screws	Pos. 10+11	1
	1805435-SP	Agitator(POM),6L can.,HA-m/l	Pos. 1+6	1

6060

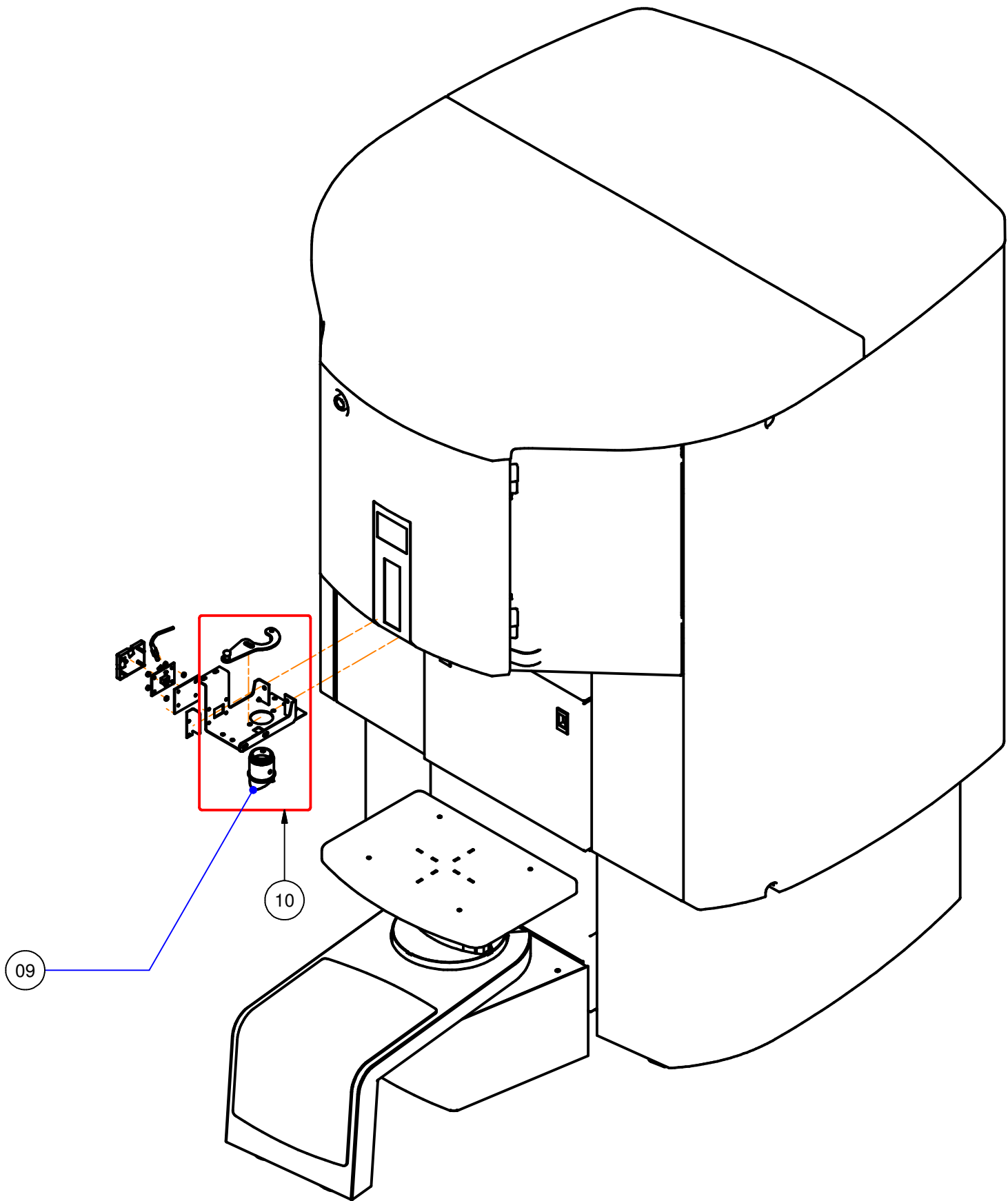


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
01	1801448-SP	Cap,top,pipr,agitator,HA-s/m/l		1
02	1803443-SP	Agitator,assy,10L,1/2 ex,HAm/l		1
03	1801798-SP	Bush,center,agit.shaft,HA		1
04	1802393-SP	Cover,POM,can.10L,1/2ex,HA		1
05	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.		25
07	1809284-SP	Shaft,agit,3-6-10-20L,can		1
09	1809909-SP	Spring,tube,can/pump,set,10pcs		10
10	1362230-SP	O-ring,can,vit,15.88x2.62 10st		10
	1809854-SP	Cap,bottom,Sst can,with screws	Pos. 11,12	1

6061

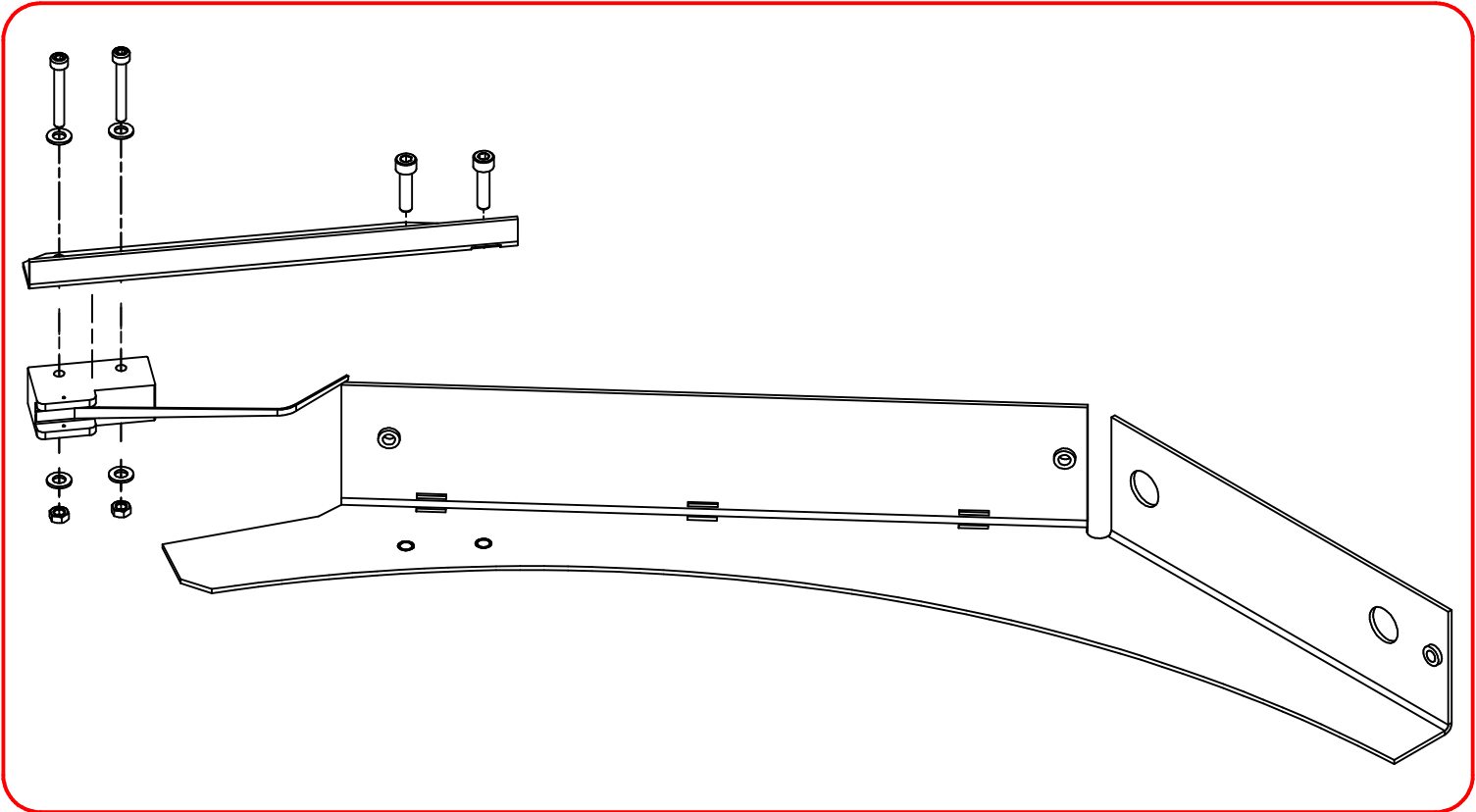


Spareparts List				
ITEM	SP NUMBER	DESCRIPTION	REMARKS	QTY
01	1809284-SP	Shaft,agit,3-6-10-20L,can		1
02	4000063-SP	Pin,spirol,1/8"x3/4"set,100pcs		1
03	1804199-SP	Bush,center,agit,Hal,Set-10pcs		1
04	1804198-SP	bush,shaft-pipe,agit,20L,HA-I		1
05	1804196-SP	Cover,POM,20L canister,HA-I		1
06	1804202-SP	Agitator,assy,20L,HA-I		1
08	1809909-SP	Spring,tube,can/pump,set,10pcs		1
09	1362230-SP	O-ring,can,vit,15.88x2.62 10st		1
12	1809854-SP	Cap,bottom,Sst can,with screws		1



SPARE PARTS LIST				
ITEM	PARTNUMBER	DESCRIPTION	REMARK	QTY
09	1814896-SP	Blade,punch,46mm,HA450,2pcs		1
10	1864277-SP	Complete punch set		1

6075



SPAREPARTS LIST				
ITEM	PARTNUMBER	DESCRIPTION	REMARKS	QTY
	1864506-SP	Piston detector HA650		1