

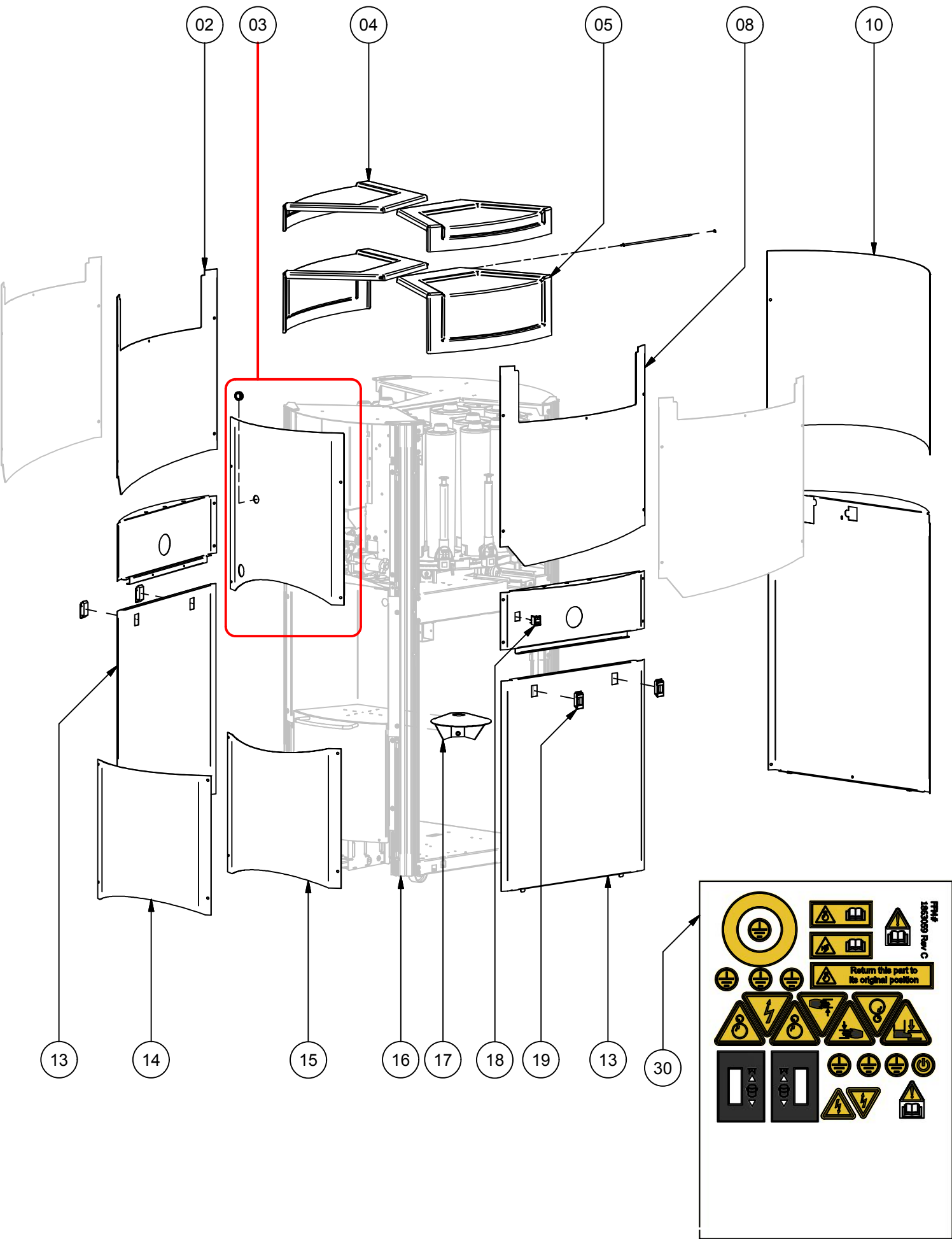
Spare Parts book HA150



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5200 Panels

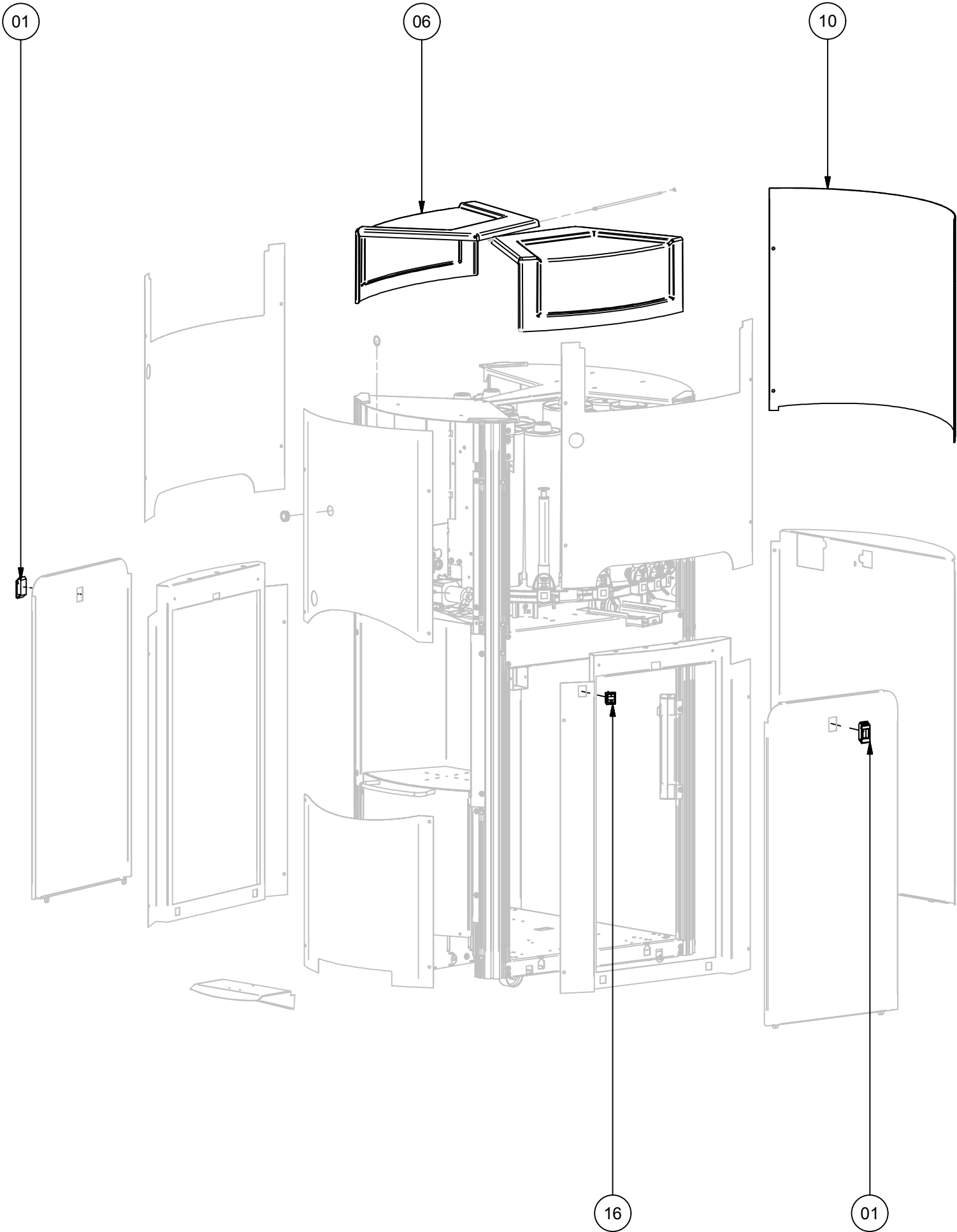


5200 Panels

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
02	1813067-SP	Panel,left,HA150	
03	1813310-SP	Front & indicator glass TM	
04	1811170-SP	Door,top,L/R,TM300,2pcs	Till 01-11-2005
05	1813068-SP	Door,top,L&R,large,HA150	
08	1813066-SP	Panel,right,HA150	
10	1812259-SP	Panel,back,HA150	
13	1811612-SP	Panel,side,L/R,fl.,TM300/HA150	
14	1814188-SP	Panel,front,ABS,low,HA150	Till 01-01-2015
15	1818035-SP	Panel,front,ABS,HA150	From 01-01-2015
16		Frame	Page 5210
17	1811443-SP	Mouseplate left-right	
18	1170073-SP	Switch,on-off,green,16A	
19	1862332-SP	Latch,slide,40-525, 2 pcs	

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
30	1863059-SP	Sticker sheet dispensers	

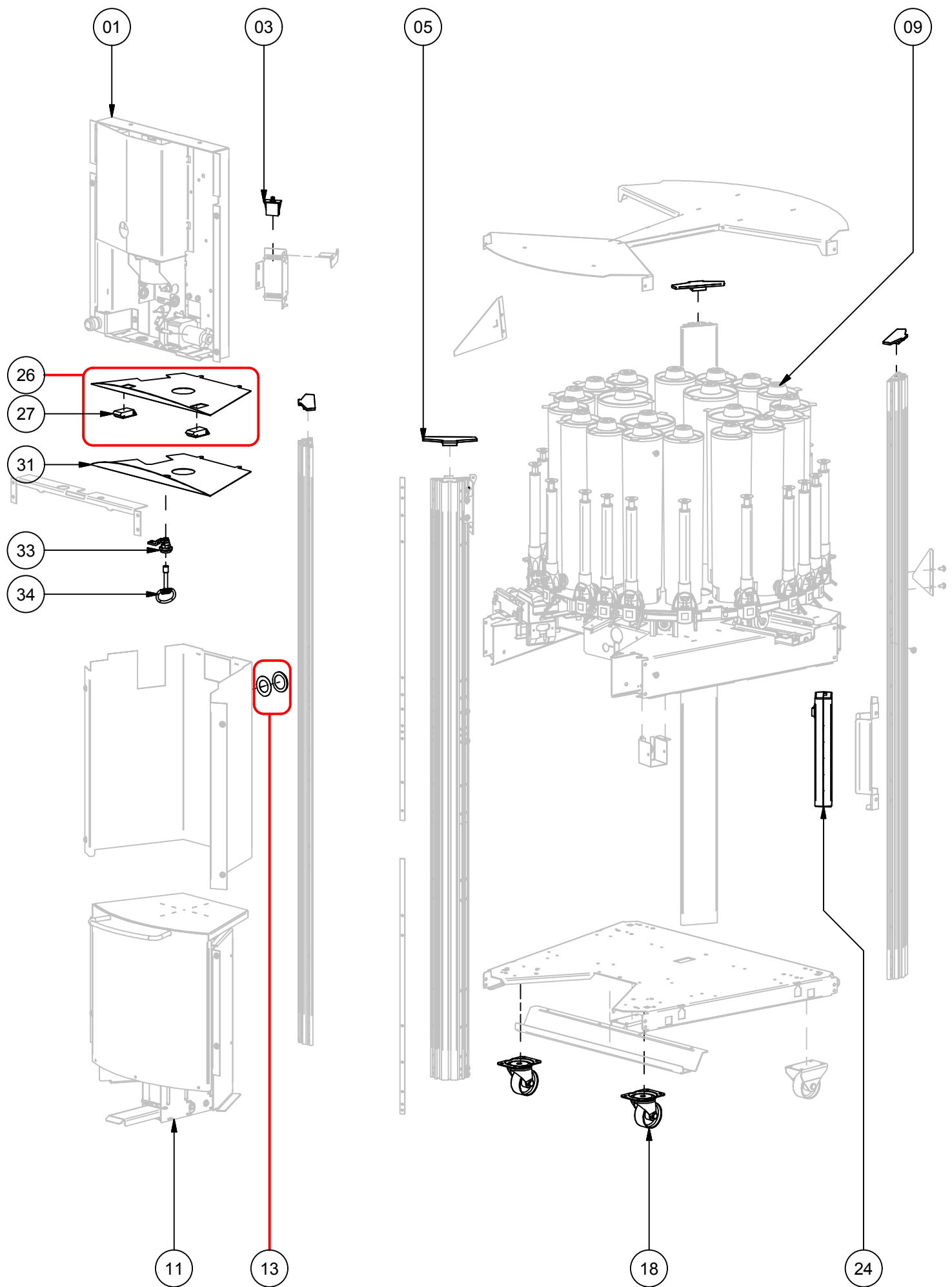
5201 Panels SST



5201 Panels SST

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1862332-SP	Latch,slide,40-525, 2 pcs	
06	1813068-SP	Door,top,L&R,large,HA150	
10	1812259-SP	Panel,back,HA150	
14		Frame	Page 5210
16	1170073-SP	Switch,on-off,green,16A	

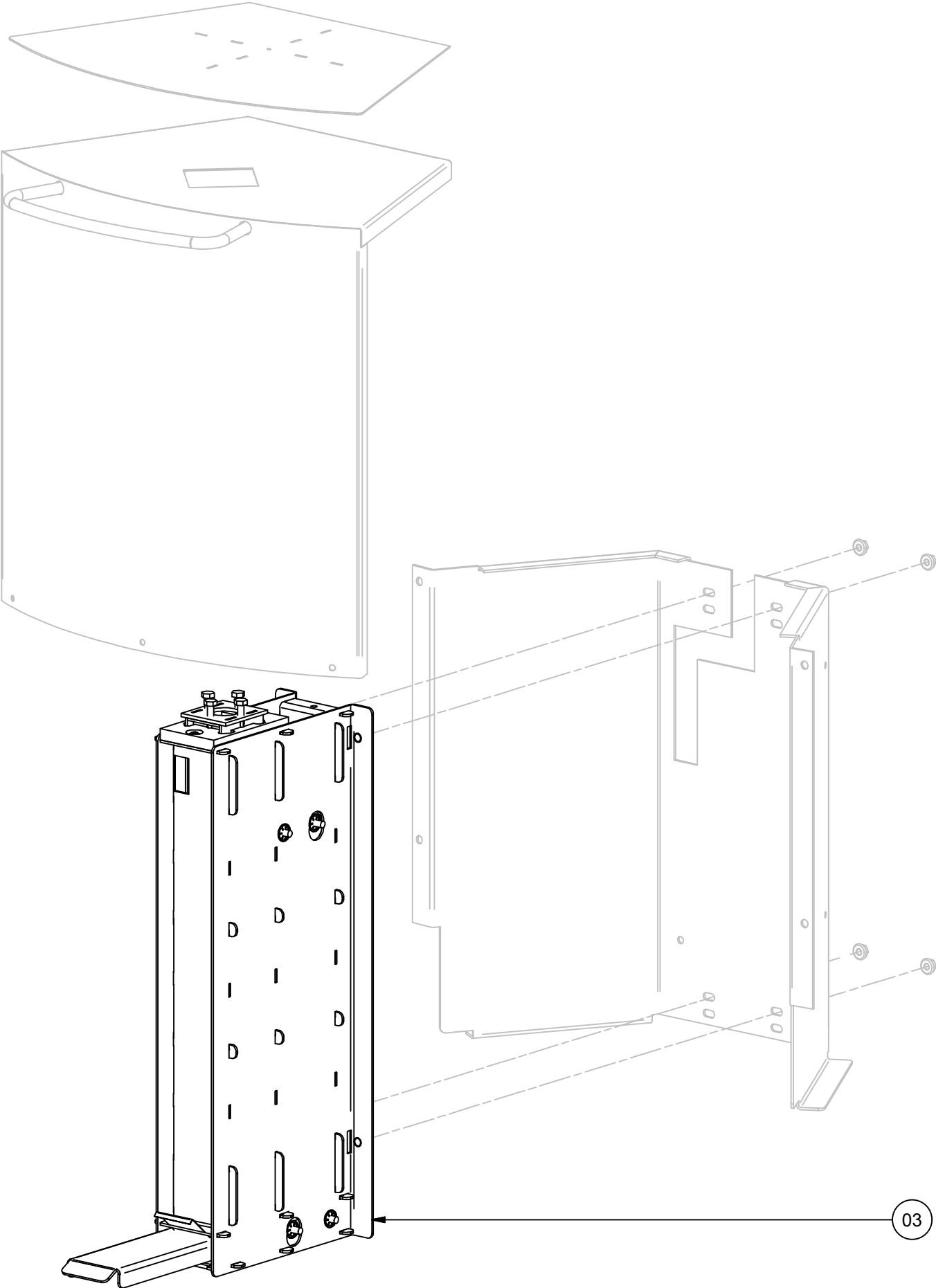
5210 Frame



5210 Frame

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01		Mechanics	Page 5220
03	1812528-SP	Switch,D2D 1100	
05	1811188-SP	Cap,profile,TM/HA150,4pcs	
09		Subframe	Page 5230
11		Cantable	Page 5211
13	1861128-SP	Glass,cansensor D50x2 + tape	
18	1110340-SP	Wheel,swiveling,set 4 pcs	
24	1815331-SP	Cable,netentry-WCD	From 01-01-2015
24	1863116-SP	Cable,netentry-WCD	Till 01-01-2015
26	1812231-SP	Plate,top,chamber,TMXL,incl. Latches	Till 01-01-2015
27	1862332-SP	Latch,slide,40-525, 2 pcs	
31	1817954-SP	Plate,top,chamber,HA150	
33	1818056-SP	Quart,Turn,Latch,Tri7,grip8,5	
34	1111010-SP	Key,triangle	

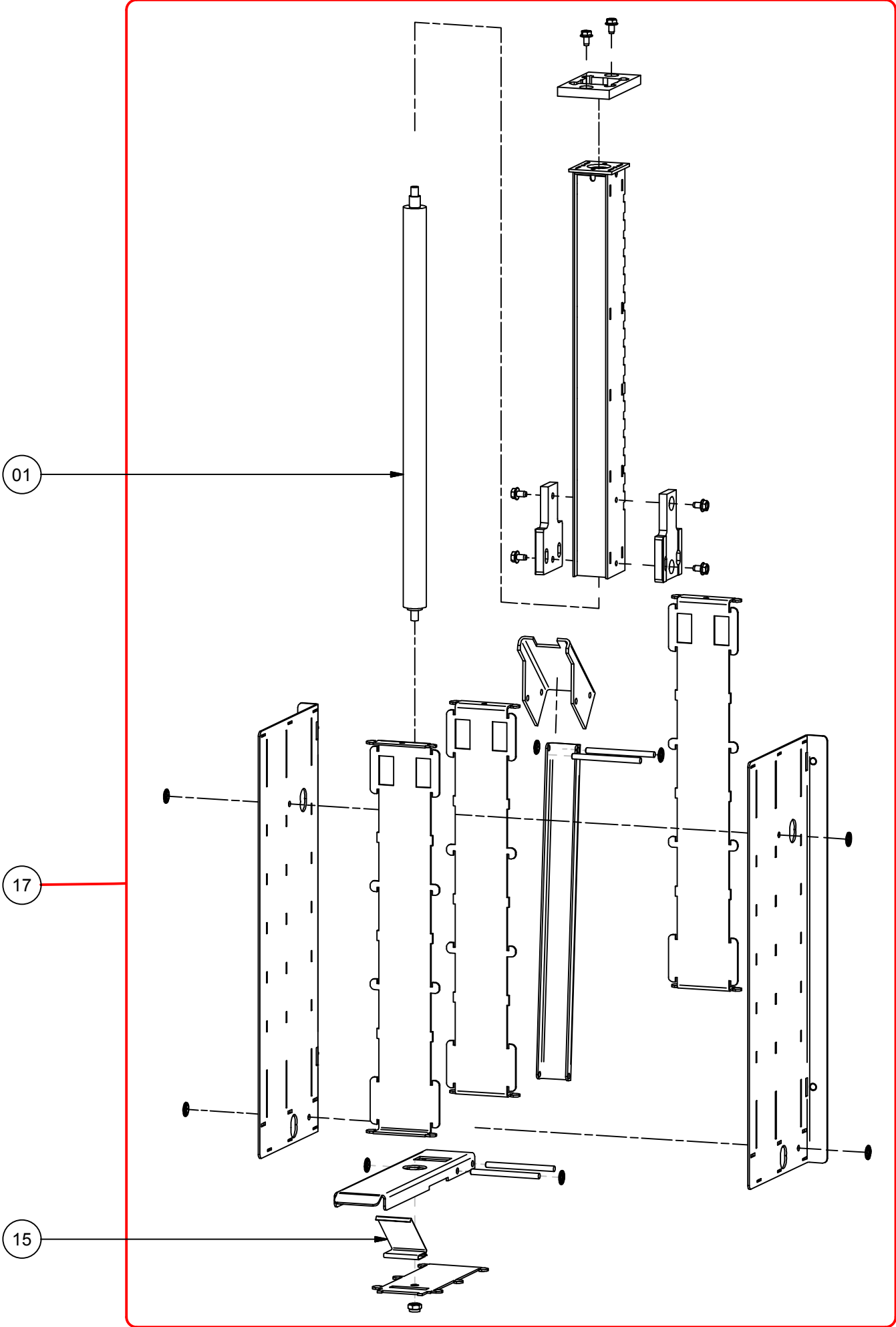
5211 Cantable



5211 Cantable

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
03	1863271-SP	Cantable assy, TM/ HAs/ ETm	Page 5212

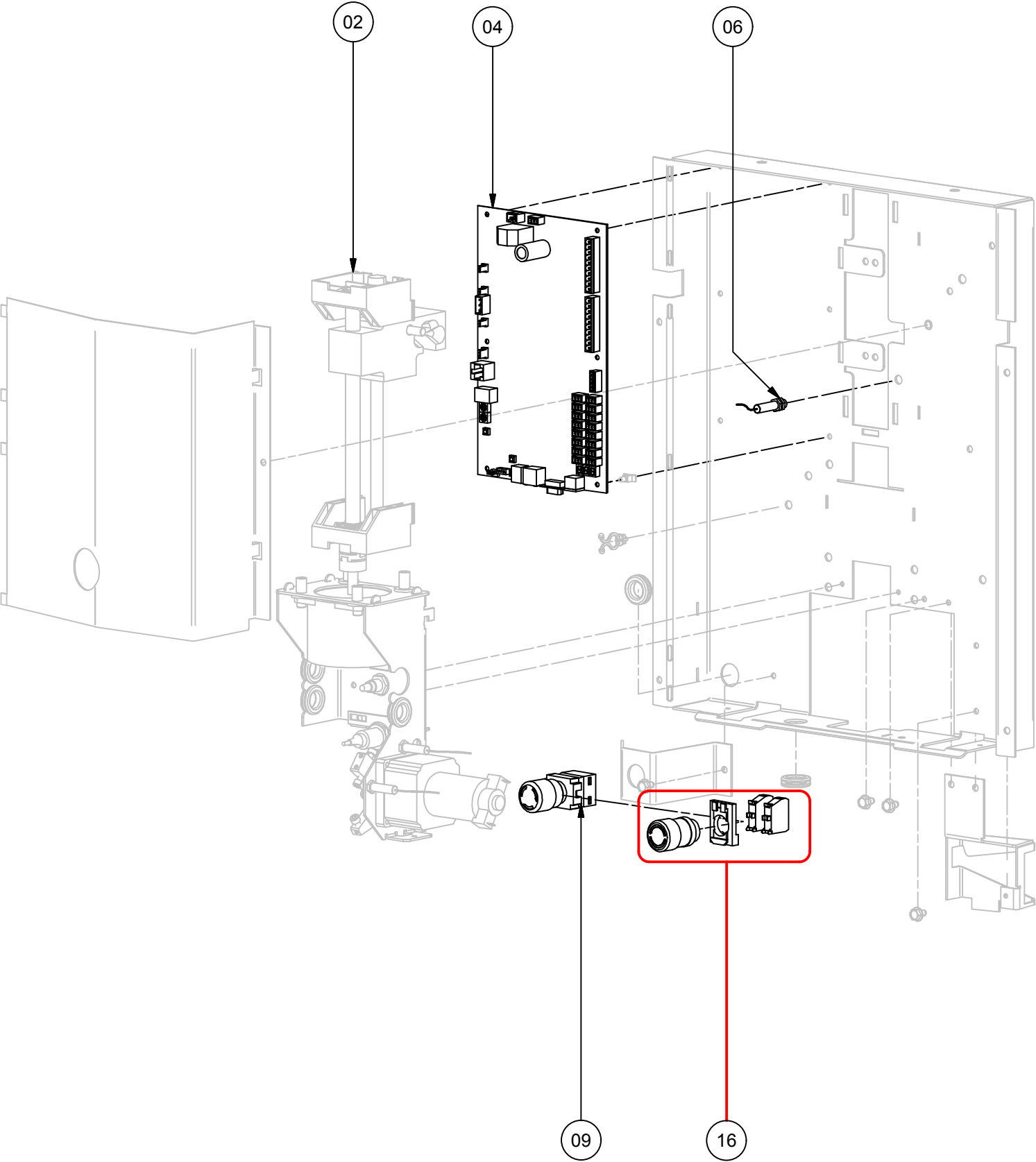
5212 Cantable assy,man. & absorber



5212 Cantable assy,man. & absorber

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1150071-SP	absorber,shock,oil,375mmstroke	
15	1250250-SP	Spring,Pedal,Cantable,2pcs	
17	1863271-SP	Cantable assy, TM/ HAs/ ETm	

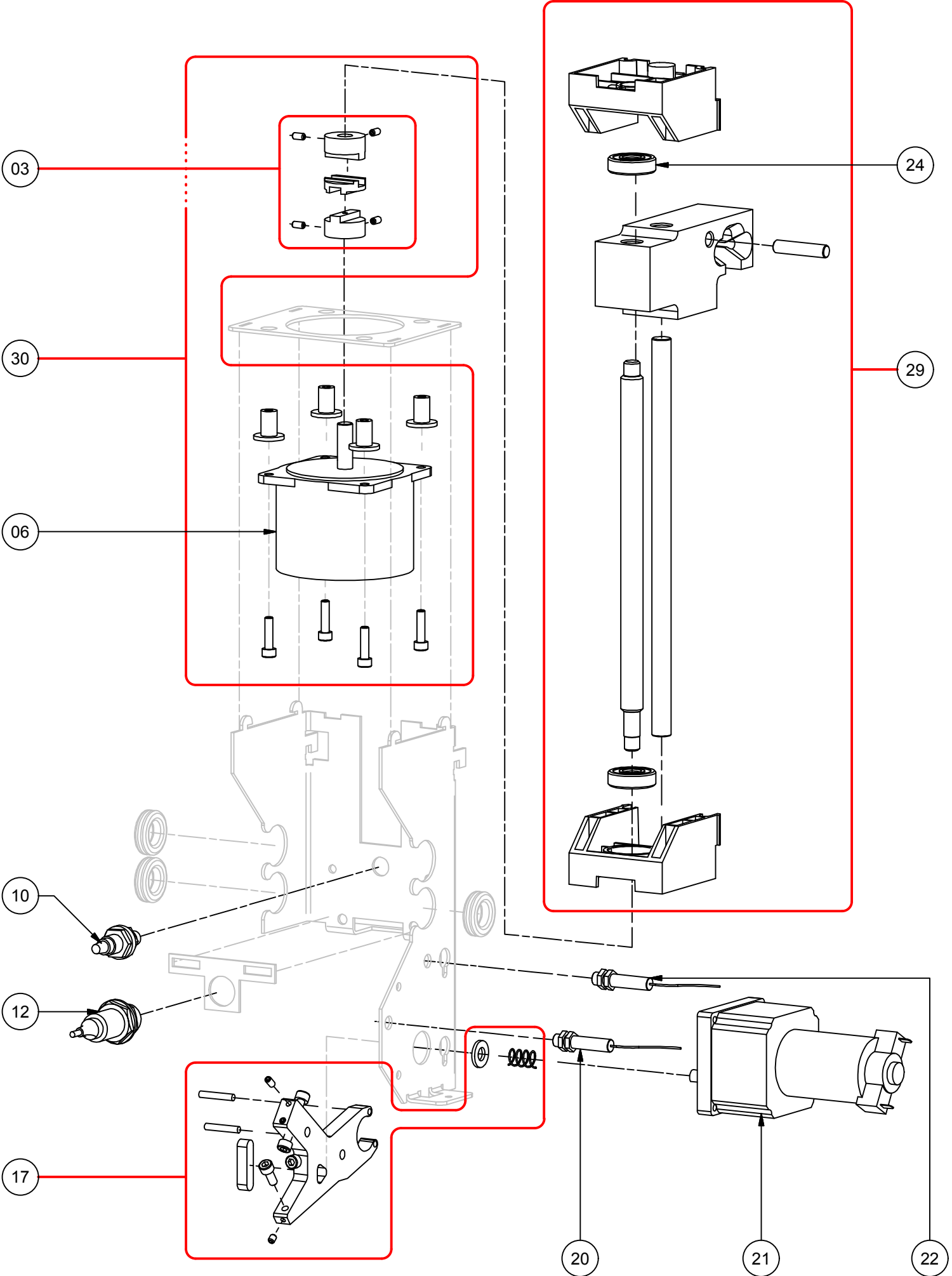
5220 Mechanics



5220 Mechanics

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
02		Mechanics	Page 5221
04	1864876-SP	Control board V4 upgrade kit	Till 21-04-2013 931087
04	1864860-SP	Control board V4	From 22-04-2013 s.n.930987
06	1861976-SP	sensor2,stepmot-assy,HA2-4-6TM	Part of cableset 1863683
09	1864937-SP	Emergency,switch,complete	Part of cabletree 1864938
16	1864948-SP	Emergency,switch,assy	Till 01-01-2014 s.n.944859

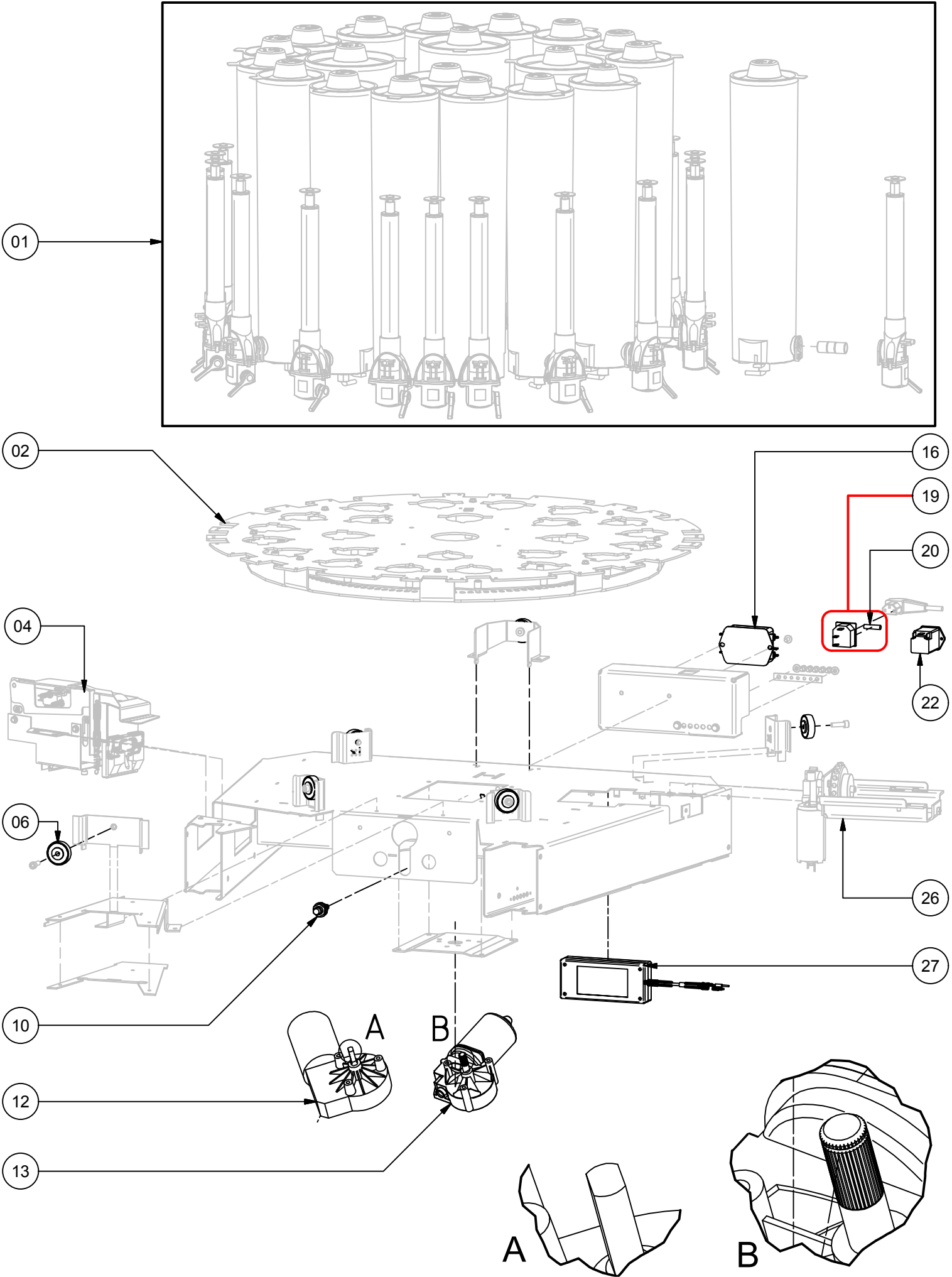
5221 Pump gripper



5221 Pump gripper

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
03	1860066-SP	Coupling,Motor,Gripper,kit	
06	1864249-SP	Stepmotor,Harbils,TM300	
10	1861979-SP	Sensor5,table,home,HA	Part of cable set 1863683
12	1863284-SP	Sensor 6,tablepos.HA150/HA	Part of cable set 1863683
17	1809152-SP	Lever,valve,2002SD	
20	1861978-SP	Sensor4,valveclosedsensor-assy	Part of cable set 1863683
21	1861943-SP	Motor,80.805.0,24V,i=245	
22	1861982-SP	sensor8,valvemiddlesensor-assy	Part of cable set 1863683
24	1860091-SP	Bearing,ball,6200ZZ, set, 2pcs	
29	1863548-SP	Gripper,spindle,kit,HA150	
30	1818110-SP	Stepmotor,HA150 with coupling	

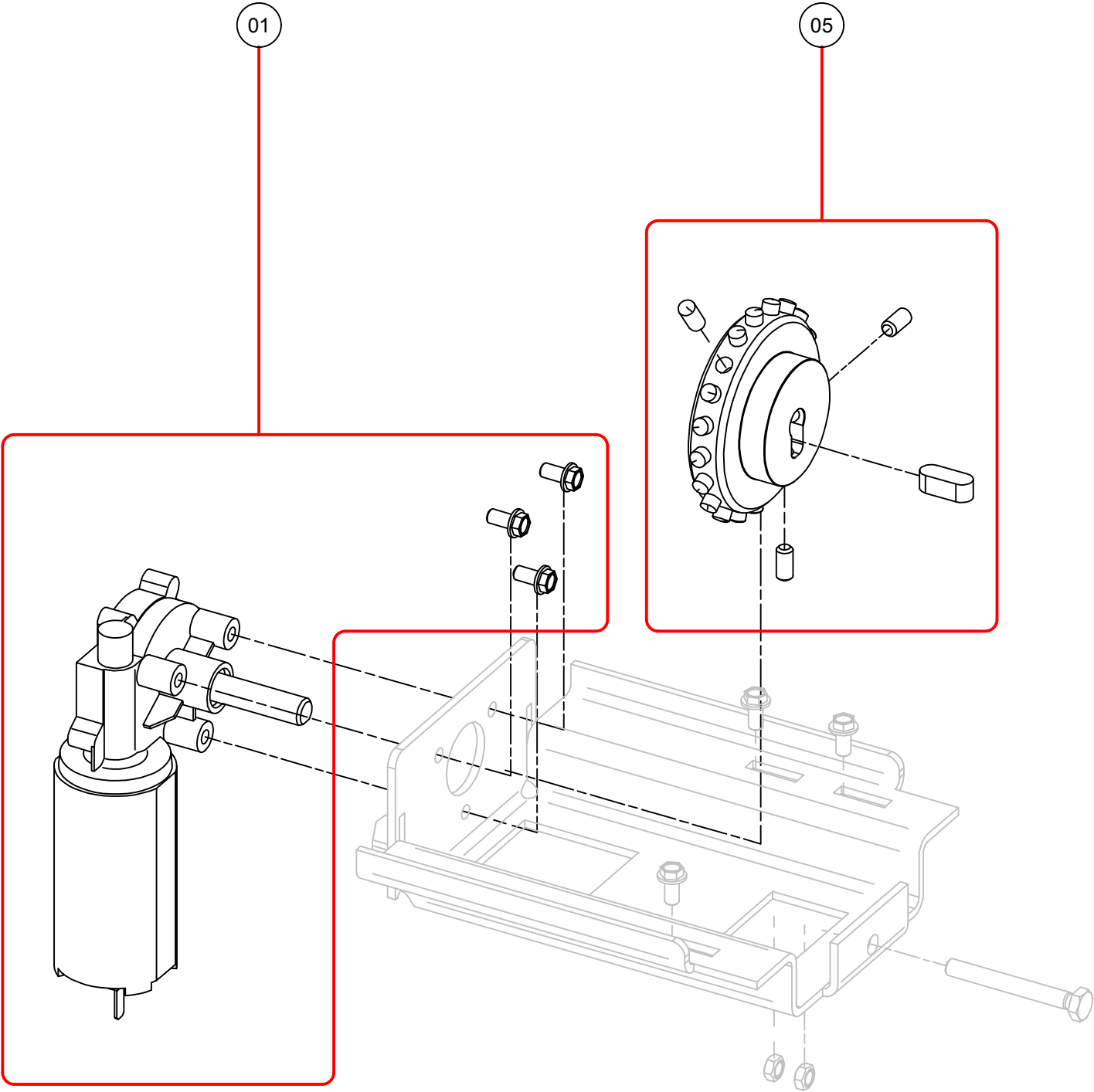
5230 Subframe



5230 Subframe

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01		Canister, Pumps and Tubes	Page 5240
02		Canister plates	Page 5232
04		Brush assy,HA150,CE	Page 5233-B
06	1862422-SP	Wheel, traversing, centric, 35mm	
10	1861975-SP	Sensor1, cansensor-assy	Part of cable set 1863683
12	1860567-SP	Motor, geared DC, 404.148, HA	Up to 2007 and from 13-04-2010 till 02-05-2010
13	1863708-SP	Motor 404.938	From 02-05-2010
16	1862924-SP	Filter, FB-10Z, 10A	From 01-01-2015
19	1864618-SP	Netentry, PF0033/20/63	From 01-01-2015
20	1602782-SP	Fuse, 10A, set, 10pcs	
22	1860637-SP	Filter, main, 10A, HA/BT	Up to 01-01-2015
26		Turntable motor	Page 5231
27	1862749-SP	Powersupply, assy, TM300/HA150	

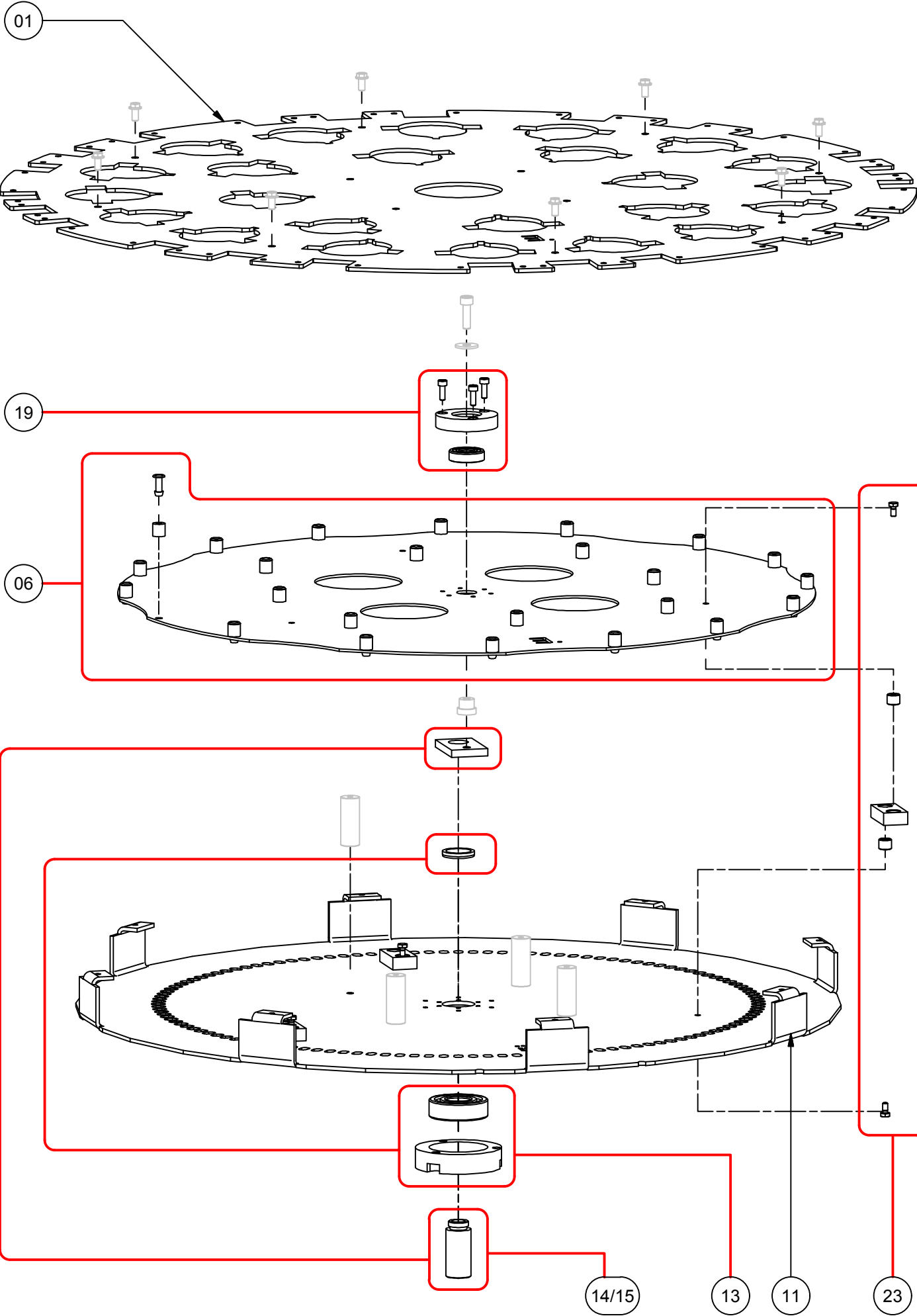
5231 Turntable motor 1863268



5231 Turntable motor 1863268

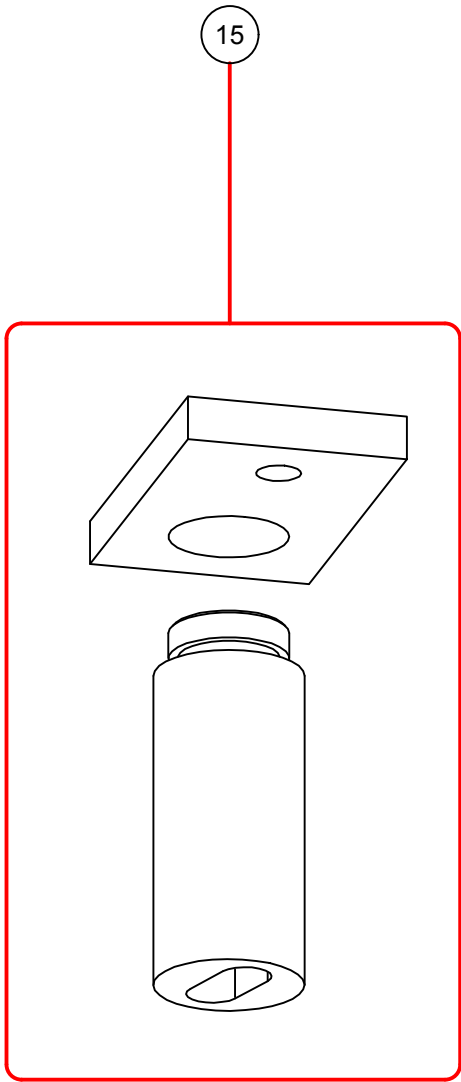
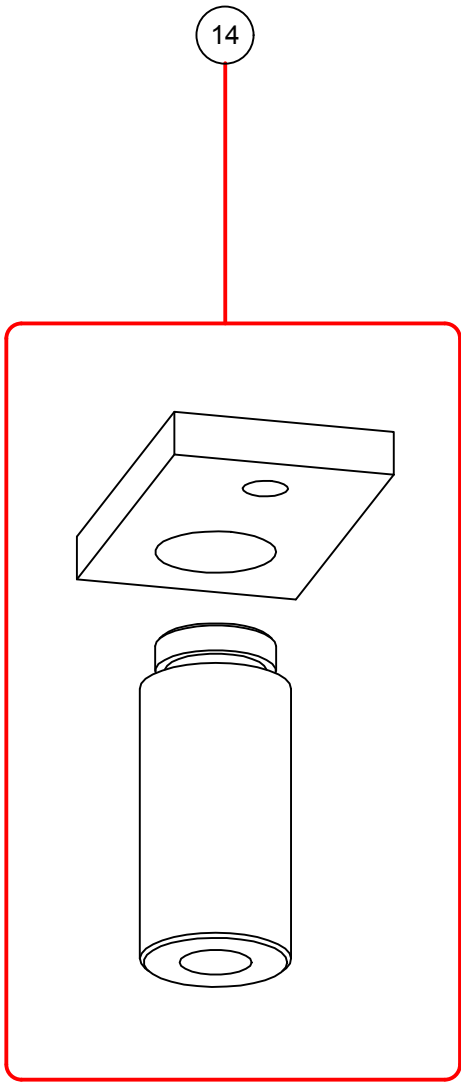
PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1130071-SP	Motor,404603	
05	1811074-SP	Wheel,driving,assy,TM	

5232 Canister plate



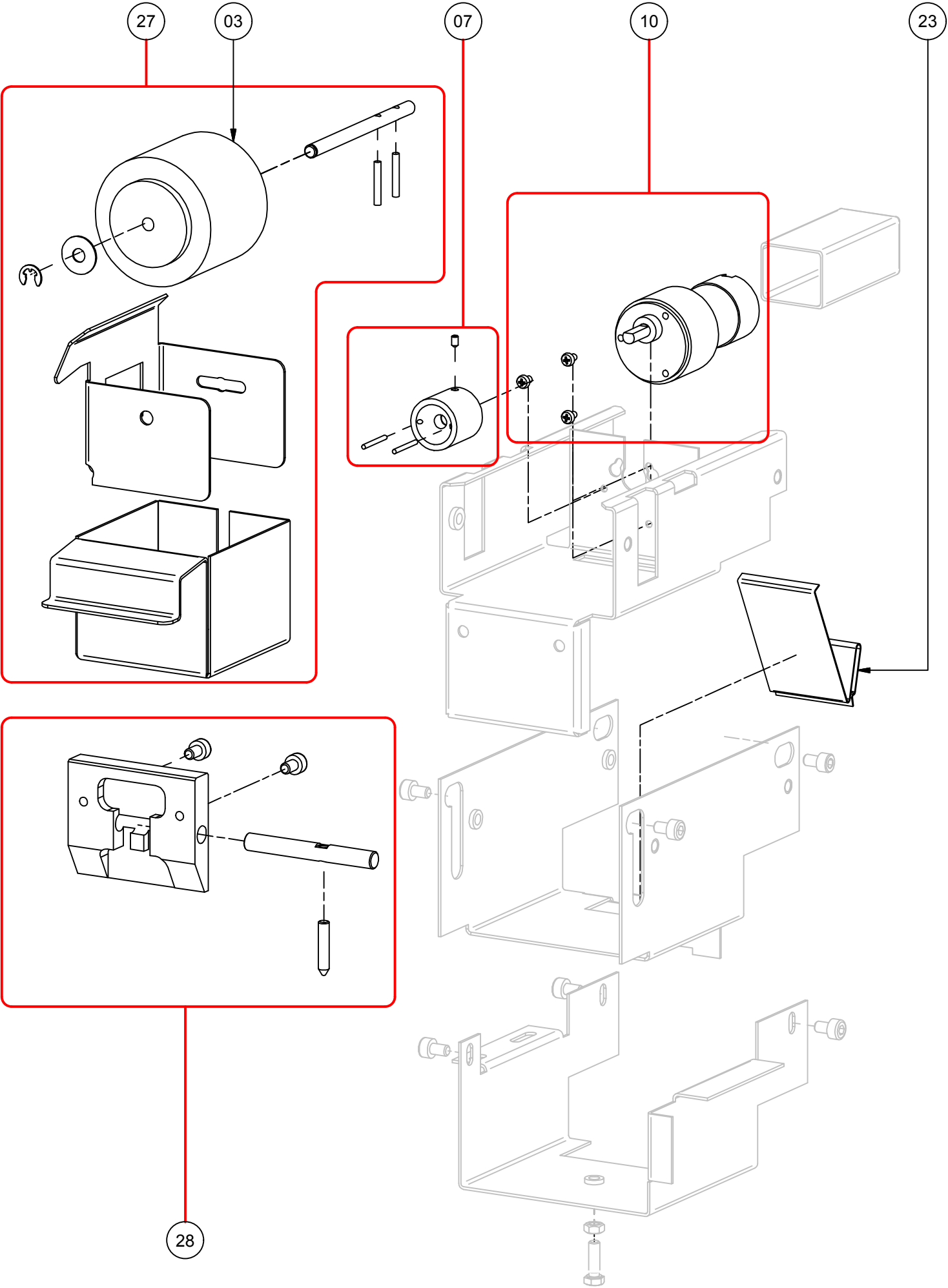
5232 Canister plate

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1813286-SP	Turntable,24C,nr3,HA150	
06	1813287-SP	Agit,plate,assy,24C,HA150	
11	1812664-SP	Turnt,under,3mm,HA150	
13	1816030-SP	Turntable,bearing,set,HA150/TM	
14	1813642-SP	Shaft,main,crank,HA150	From 2007 till 12-04-2010 and from 02-05-2010
15	1812253-SP	Shaft,main,crank,HA150	Up to 2007 and from 13-04-2010 till 02-05-2010
19	1801284-SP	Bearing,hous,agitation crank	
23	1812801-SP	Agit,block 10mm,kit,HA150&AR75,3pcs	



5233-A Brush

Up to 01-01-2015

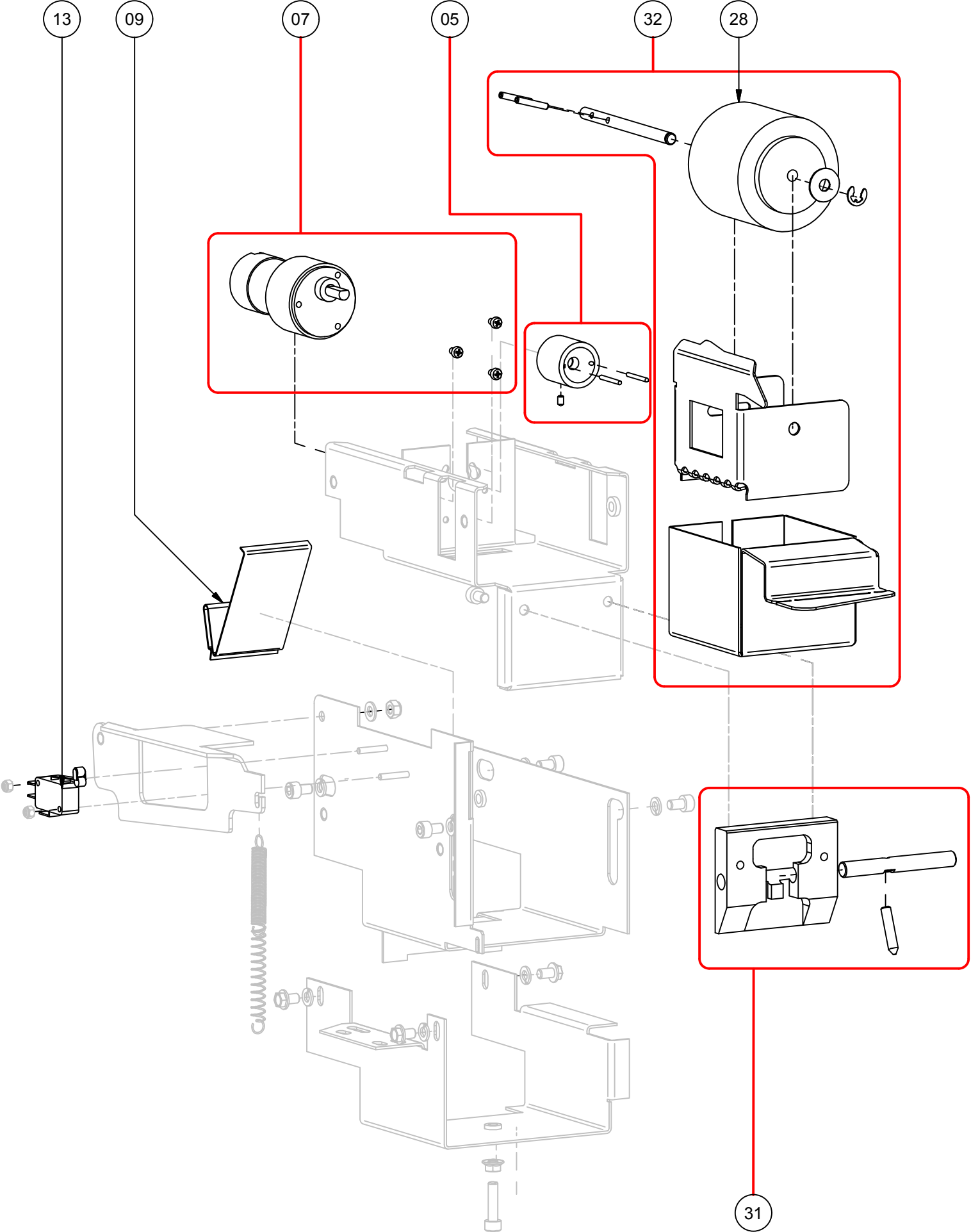


5233-A Brush

Up to 01-01-2015

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
03	1811646-SP	Brush,D60x60,TMHC/HA150	
07	1801842-SP	Fork,container,brush	
10	1862721-SP	Motor,micro,158-24-100	
23	1250250-SP	Spring,Pedal,Cantable,2pcs	
27	1863547-SP	Brush,assy,HA150	
28	1813572-SP	Handle,w.lock,cont.HA150,kit	

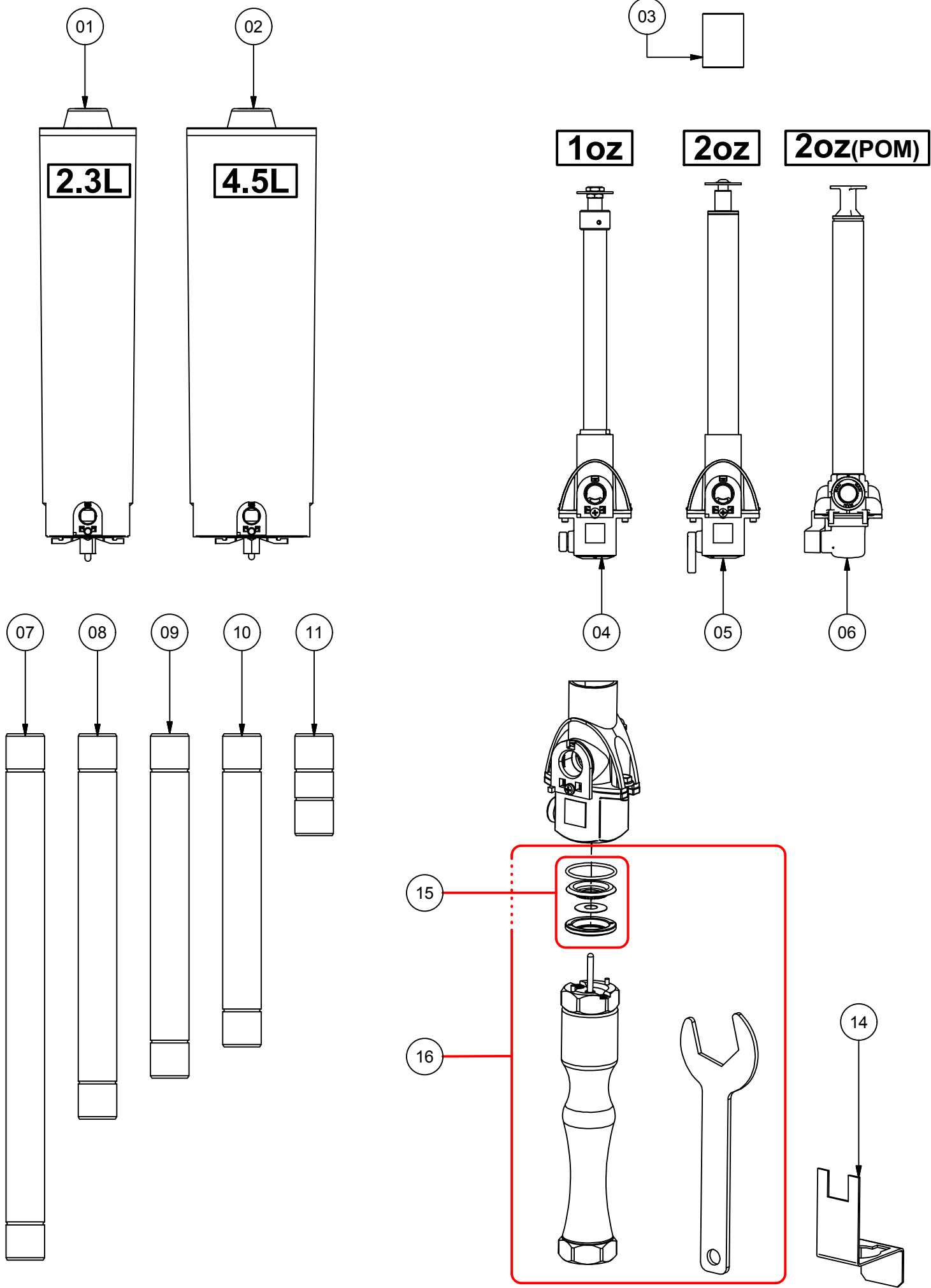
5233-B Brush



5233-B Brush

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
05	1801842-SP	Fork,container,brush	
07	1862722-SP	motor ,micro/rn 158.24.30	
09	1250250-SP	Spring,Pedal,Cantable,2pcs	
13	1160200-SP	Switch,micro,V-166-105(R)	
28	1811646-SP	Brush,D60x60,TMHC/HA150	
31	1813572-SP	Handle,w.lock,cont.HA150,kit	
32	1863547-SP	Brush,assy,HA150	

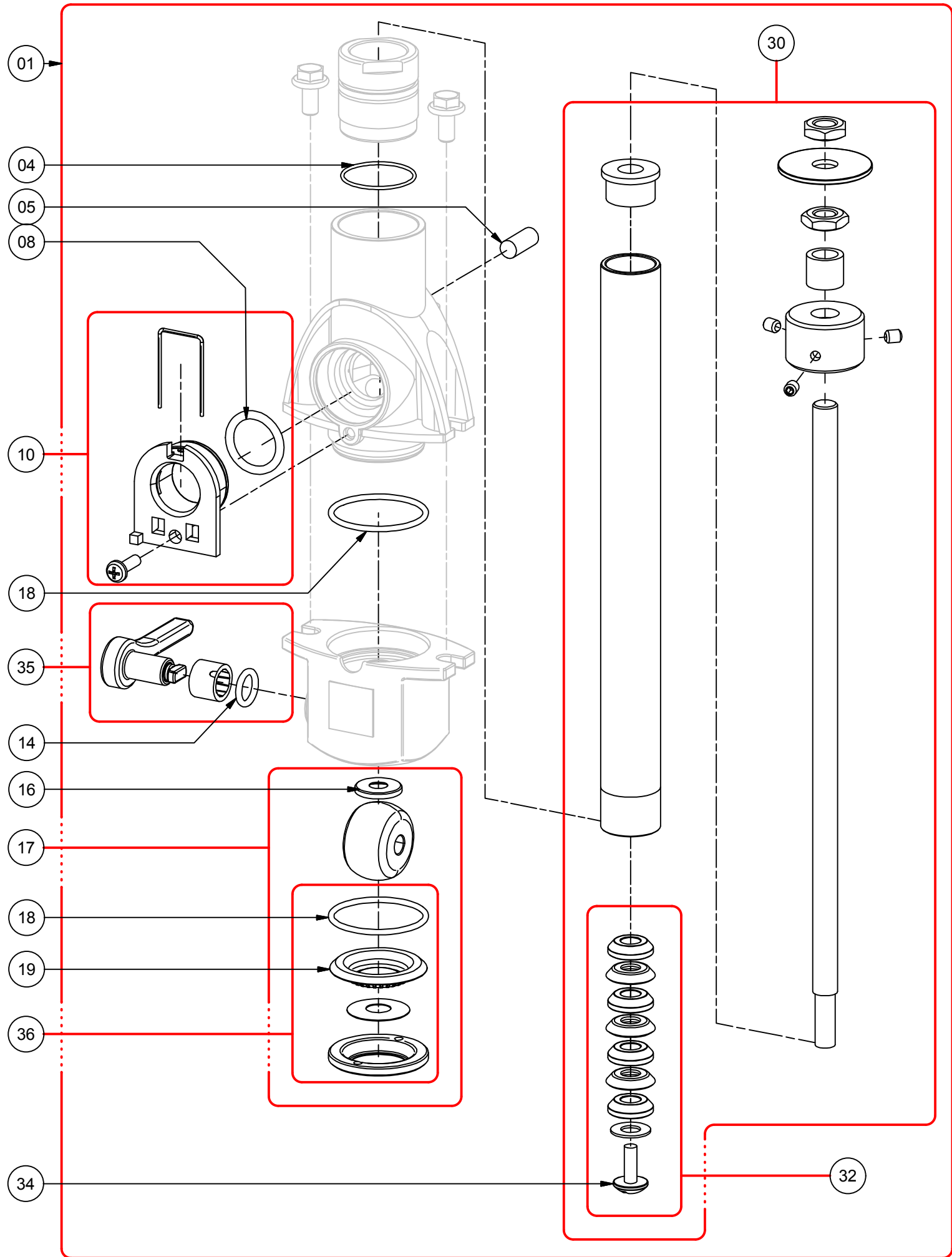
5240 Canisters, Pumps and Tubes



5240 Canisters, Pumps and Tubes

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1812267-SP	Canister assy,2.3L,POM	Page 5251
02	1812268-SP	Canister assy,4.5L,POM	Page 5252
03	1813625-SP	Piston replace tool 2-oz,V2	
04	1862694-SP	Ballvalve&pump assy,1-oz,2002	Page 5241
05	1810560-SP	Ballvalve&pump,assy,2-0z	Page 5242
06	1815242-SP	Ballvalve,POM,Sst ball,2-oz	Page 5243
07	1812278-SP	Tube,ø 16x218.5,HA	
08	1812275-SP	Tube,ø 16x160,HA	
09	1812277-SP	Tube,ø 16x143,HA	
10	1812276-SP	Tube,ø 16x130,HA	
11	1810574-SP	Tube,ø 16x 42.3,HA	
14	1802457-SP	Bracket,reset,2-oz,pumptube,HA	
15	1863528-SP	Ballvalve,Disk 5pcs	
15	1863528X-SP	Ballvalve,Disk,100p,w/o gloves	
16	1863527-SP	Ballvalve 2005,Disk 5pcs+Tool	

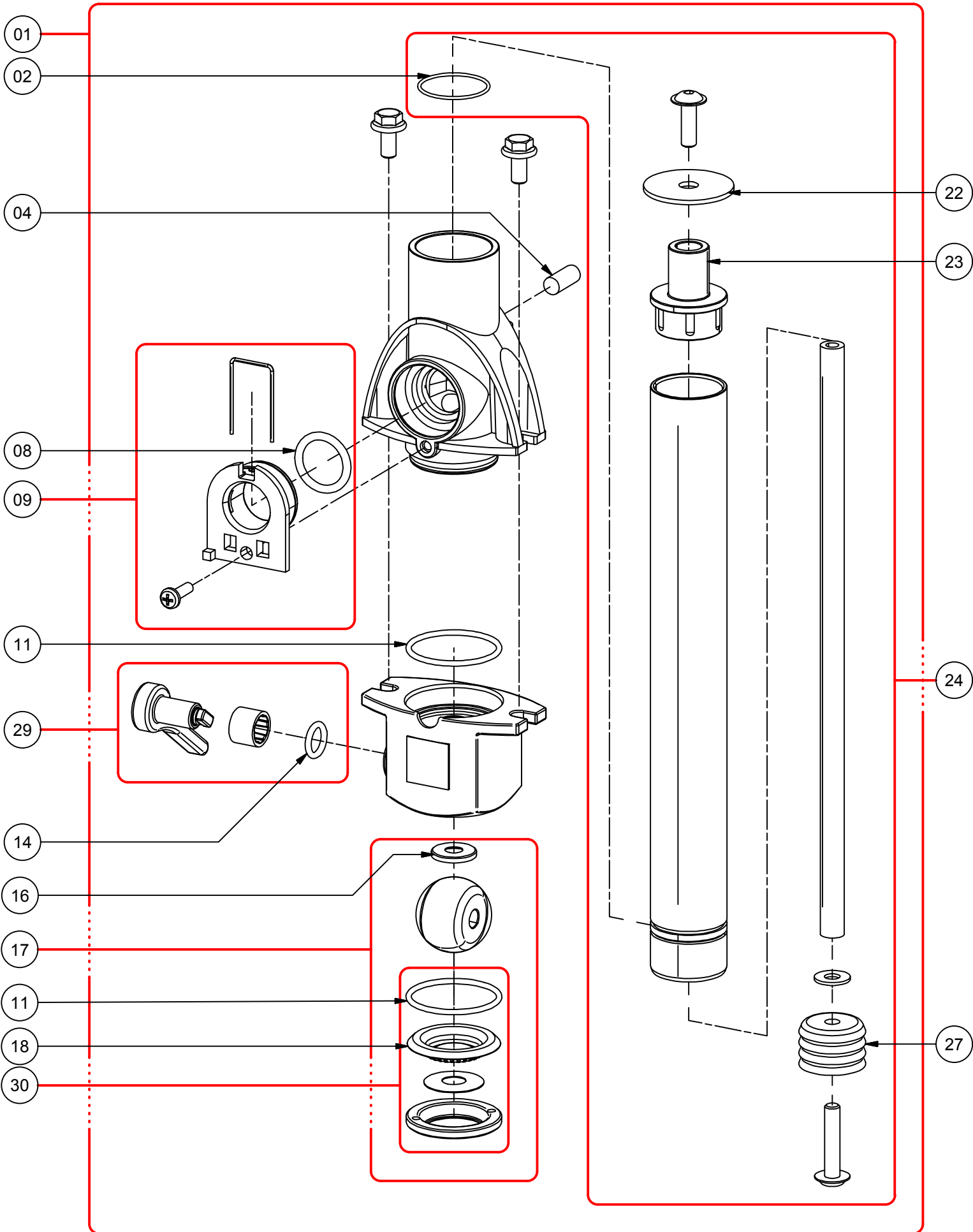
5241 Ballvalve&pumpt.assy,1-oz,2002 1862694



5241 Ballvalve&pumpt.assy,1-oz,2002 1862694

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1862694-SP	Ballvalve&pumpt.assy,1-oz,2002	
04	1862395-SP	O-ring,22x1,vit,10pcs	
05	1810499-SP	Pin,sensor,6x14DIN7,2002	
08	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
10	1809561-SP	Guiding,br,can-mount,5 sets	
14	1863649-SP	O-ring,8,5x2,lever,ballv,10pcs	
16	1810487-SP	Seal,ballvalve,disp2002(10pcs)	
17	1810478-SP	Ball,assy,ballvalve	
18	1862396-SP	O-ring,28.3x1.78,10pcs	
19	1810997-SP	Seal,ball-valve (set 50pcs)	
30	4221100-SP	Pumpt&rod&pist&cap,assy,1ozUS	
32	4223110-SP	Piston,teflon,1-oz,US	
34	03869-SP	Srew,10-32x3/8/thcs/set/100pcs	
35	1810556-SP	Arm,assy,ballvalve	
36	1863527-SP	Ballvalve 2005,Disk 5pcs+Tool	
36	1863528-SP	Ballvalve,Disk 5pcs	
36	1863528X-SP	Ballvalve,Disk,100p,w/o gloves	

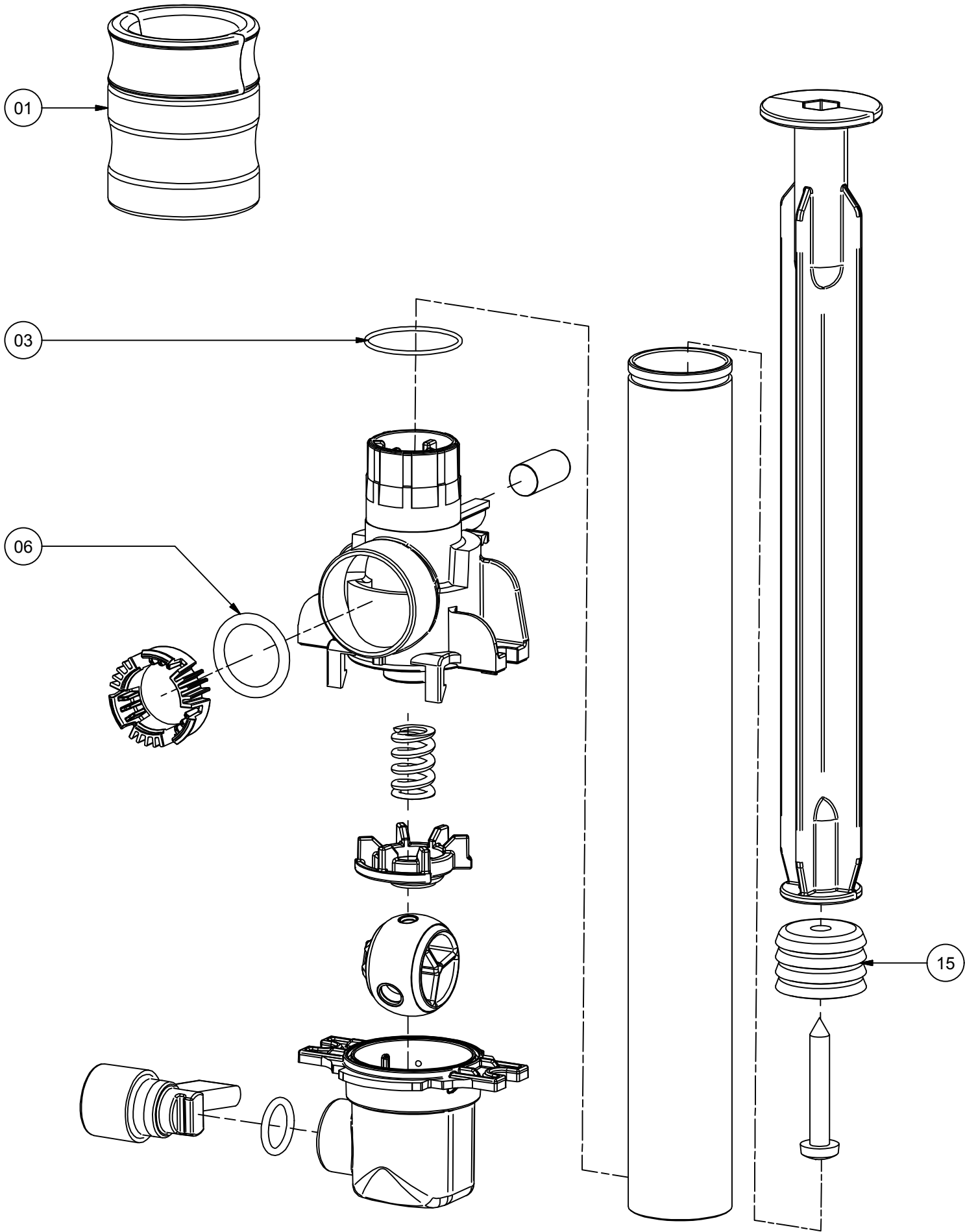
5242 Ballvalve&pumpt.assy,2-oz,2002 1810560



5242 Ballvalve&pumpt.assy,2-oz,2002 1810560

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1810560-SP	Ballvalve&pump,assy,2-Oz	
02	1862395-SP	O-ring,22x1,vit,10pcs	
04	1810499-SP	Pin,sensor,6x14DIN7,2002	
08	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
09	1809561-SP	Guiding,br,can-mount,5 sets	
11	1862396-SP	O-ring,28.3x1.78,10pcs	
14	1863649-SP	O-ring,8,5x2,lever,ballv,10pcs	
16	1810487-SP	Seal,ballvalve,disp2002(10pcs)	
17	1810478-SP	Ball,assy,ballvalve	
18	1810997-SP	Seal,ball-valve (set 50pcs)	
22	1801527-SP	Disc,pump,BT,25pcs	
23	1810498-SP	Cap,pump,2-oz,2002, 5pcs	
24	1810497-SP	Piston,assy,2-Oz,ballvalve	
27	1810936-SP	Piston,teflon,2oz,HA,10pcs	
27	1810936X-SP	Piston,teflon,2oz,HA,100pcs	
29	1810556-SP	Arm,assy,ballvalve	
30	1863527-SP	Ballvalve 2005,Disk 5pcs+Tool	
30	1863528-SP	Ballvalve,Disk 5pcs	
30	1863528X-SP	Ballvalve,Disk,100p,w/o gloves	

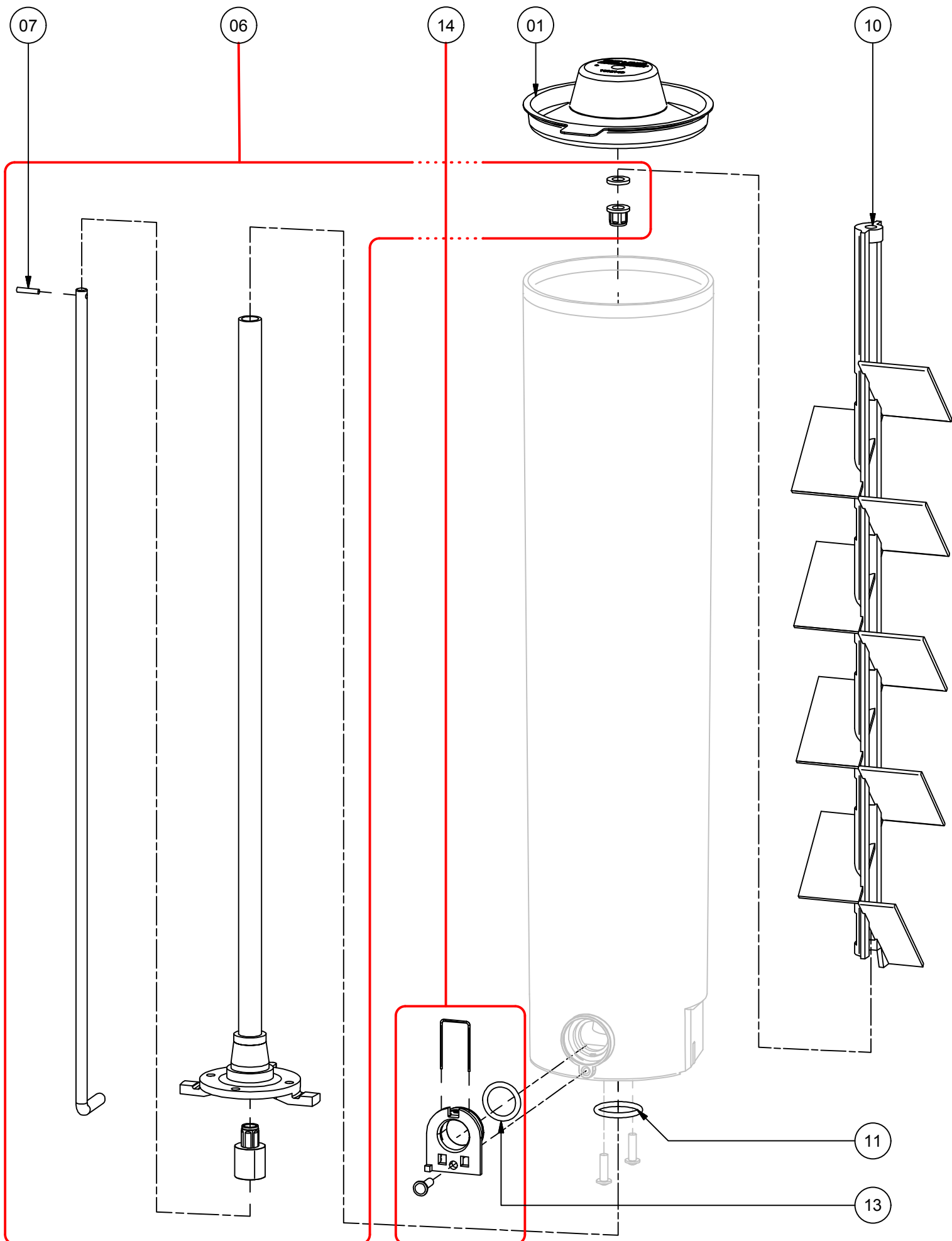
5243 Ballvalve,POM,SST ball,2-oz 1815242



5243 Ballvalve,POM,SST ball,2-oz 1815242

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1811492-SP	Piston replace tool 2-0z POM	
03	1862395-SP	O-ring,22x1,vit,10pcs	
06	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
15	1810936-SP	Piston,teflon,2oz,HA,10pcs	

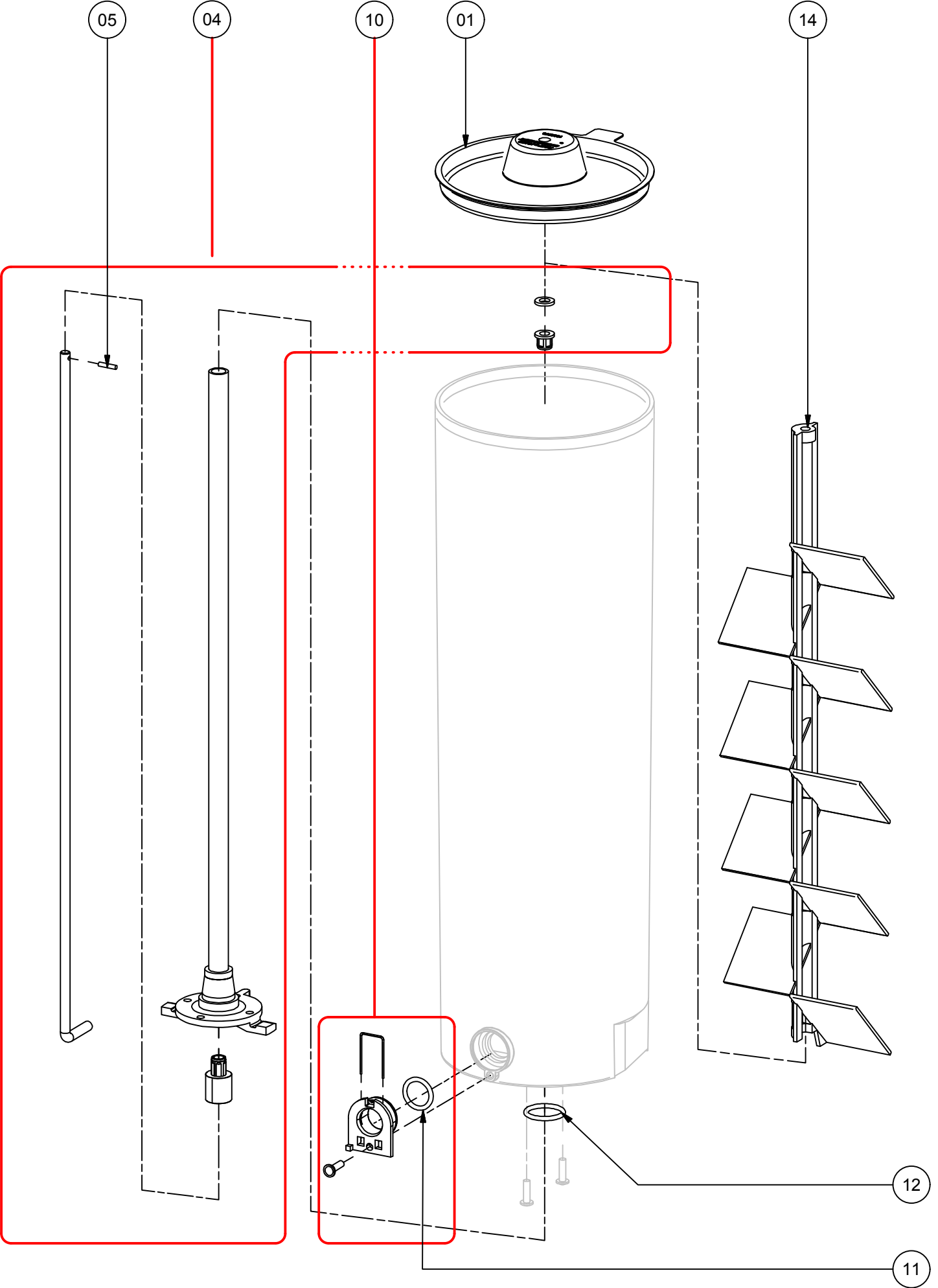
5251 Canister assy,2.3L,POM 1812267



5251 Canister assy,2.3L,POM 1812267

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1802503-SP	Lid POM,3 can,5pcs	
06	1812265-SP	Cap,bottom,canister,2.3&4.5L	
07	1860110-SP	Pin,spirol,f2.5x12,Sst,25pcs.	
10	1818113-SP	Agitator,POM,2.3L,POM,can,HA,5pcs	
11	1362231-SP	O-ring,cann.vit.20.29,10pcs	
13	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
14	1809561-SP	Guiding,br,can-mount,5 sets	

5252 Canister assy,4.5L,POM. 1812268

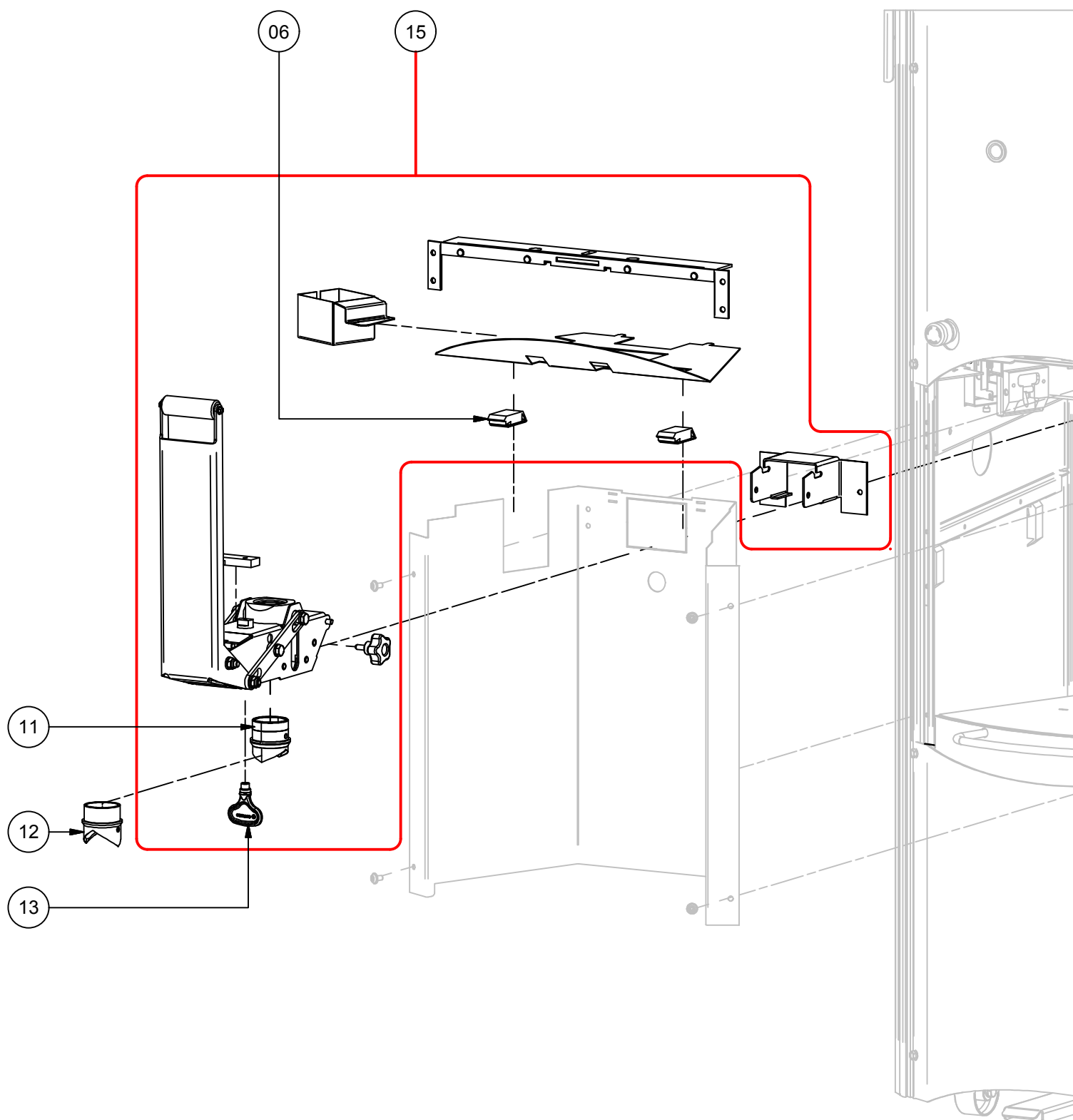


5252 Canister assy,4.5L,POM. 1812268

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
01	1802504-SP	Lid POM,6L can,5pcs	
04	1812265-SP	Cap,bottom,canister,2.3&4.5L	
05	1860110-SP	Pin,spiral,f2.5x12,Sst,25pcs.	
10	1809561-SP	Guiding,br,can-mount,5 sets	
11	1362230-SP	O-ring,viton,15.88x2.62,10pcs	
12	1362231-SP	O-ring,cann.vit.20.29,10pcs	
14	1807684-SP	Agitator,POM,4.5L,POM,can,HA	

5271 Punch manual

From 01-01-2008



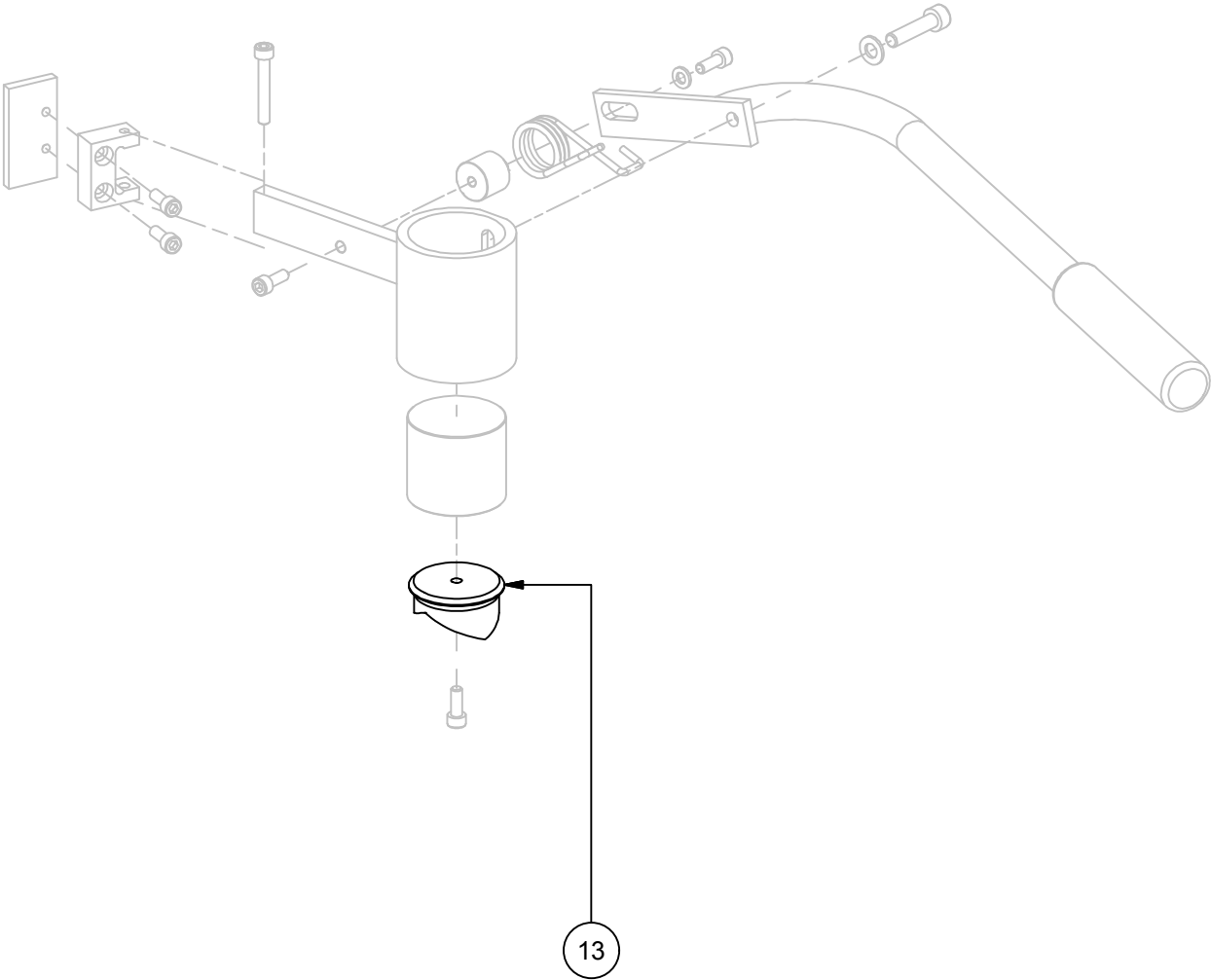
5271

Punch manual

From 01-01-2008

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
06	1862332-SP	Latch,slide,40-525, 2 pcs	
11	1809564-SP	Punch, round 46 2002SD,2pcs	
12	1814184-SP	Blade,punch,48mm,short,2pcs	
13	1863152-SP	Key,triangle,southco	
15	1864080-SP	Punch manual 46mm+panels,HA150	

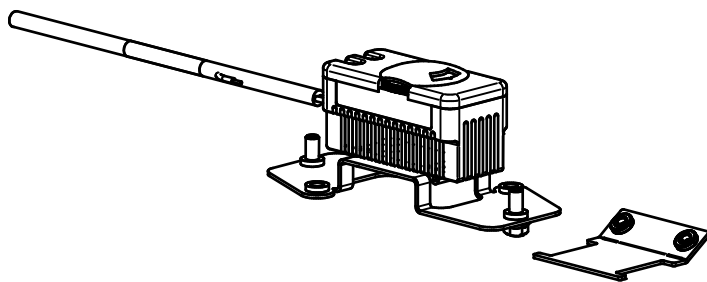
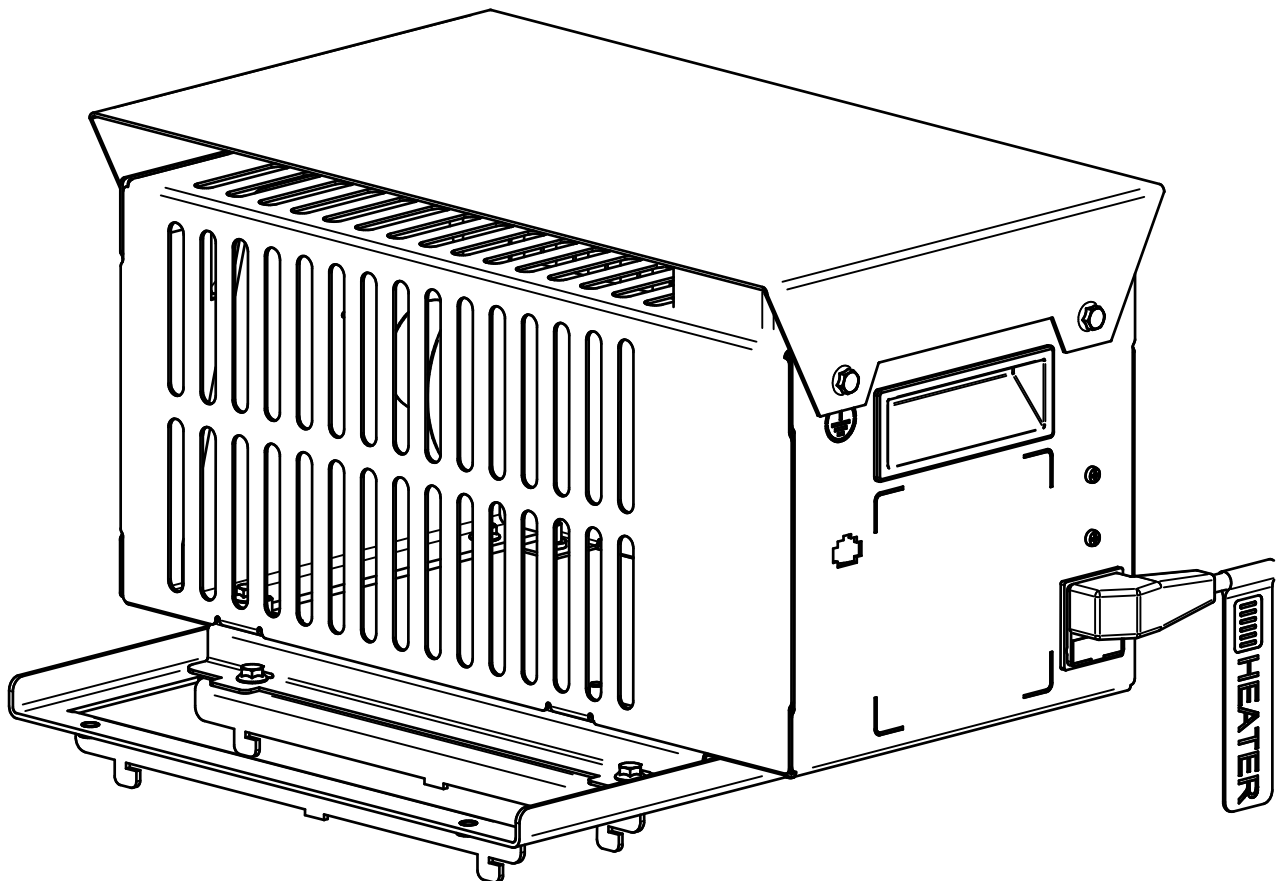
5272-A Punch manual(old)



5272-A Punch manual(old)

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
13	1810880-SP	Punchblade 46mm	Fased out at 10-2007

5273 Heater (option) 1865765

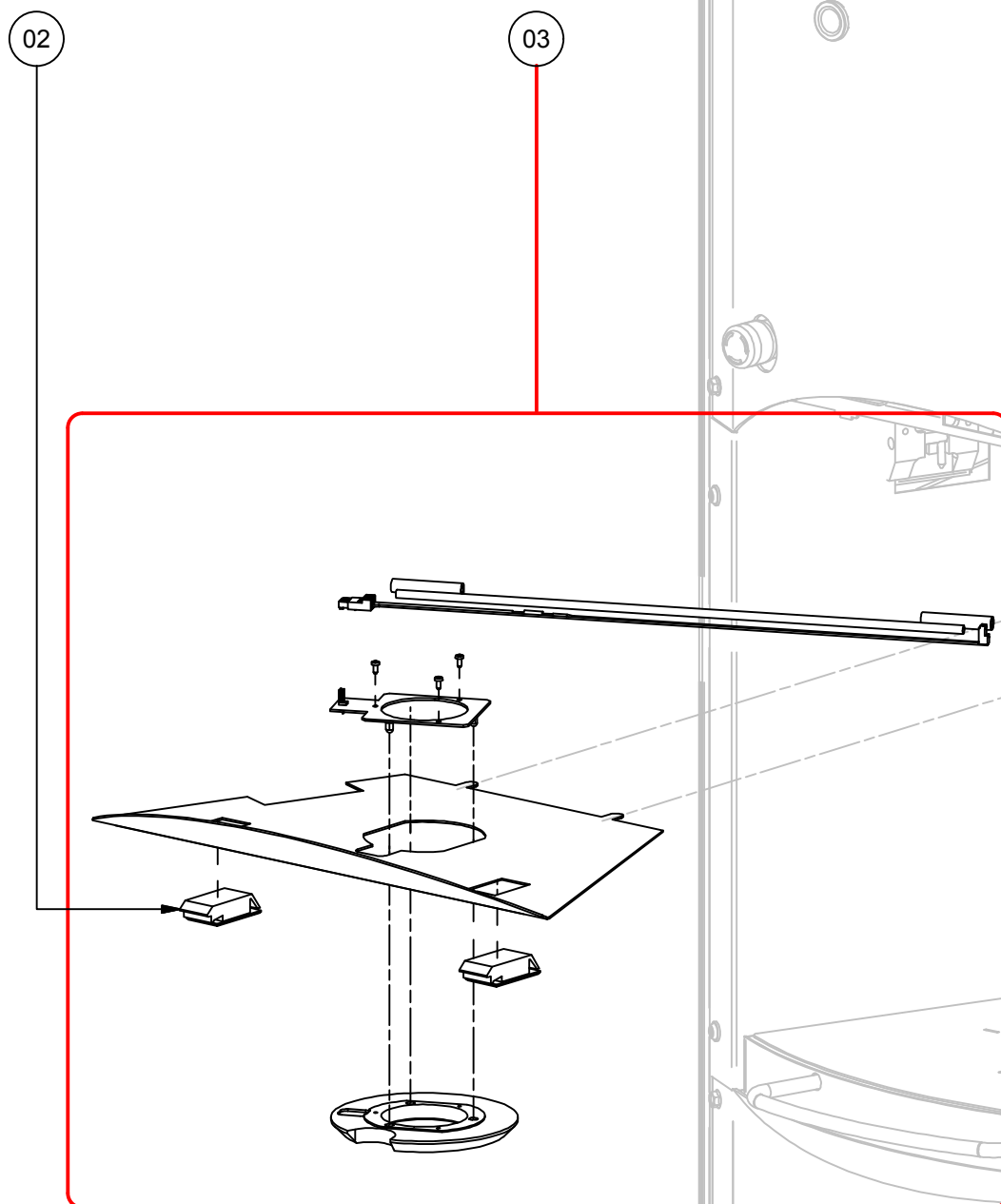


5273 Heater (option) 1865765

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

5274-A Can position indicator (option)

Till 01-01-2015



5274-A

Can position indicator (option)

Till 01-01-2015

PARTS LIST			
ITEM	SPARE PART NUMBER	DESCRIPTION	REMARKS
02	1862332-SP	Latch,slide,40-525, 2 pcs	
03	1813575-SP	Can positioning indicator	