

ASSA ABLOY

ASSA P600+

Technical Manual



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The ASSA P600+

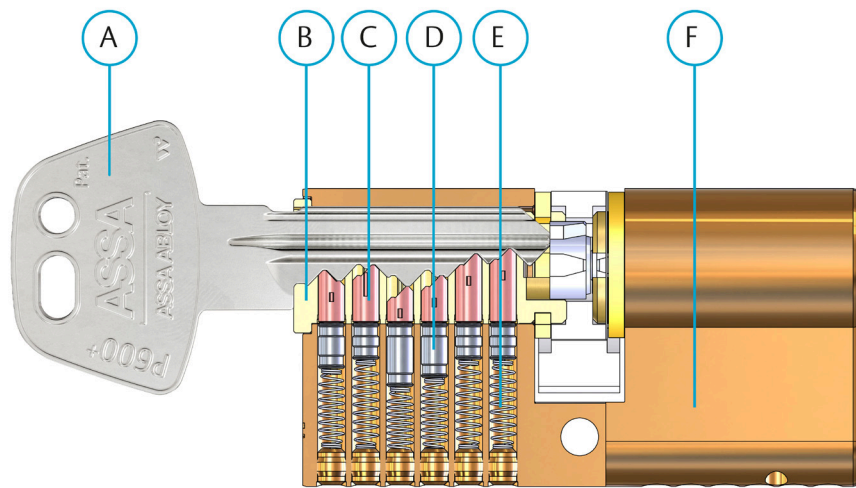
ASSA P600+ represents a significant advancement in the performance expected of a standard cylinder. The system is engineered on a new cylinder technology incorporating six upper and lower pins, with the lower pins featuring a dual-code configuration and a wing-guided design. ASSA P600+ is particularly well suited for applications requiring a standard security cylinder that also demands extensive flexibility in cylinder formats, profiles and operational functions. These capabilities are integrated into a single, comprehensive solution: ASSA P600+.

The unique profile geometry of the cylinder plug, combined with the specially designed ASSA P600+ lower pins, enables the construction of Master Key Systems without compromising the security integrity of the locking system.

Both keys and cylinders are designed for compatibility with approved security hardware, ensuring that customers can achieve a solution with a consistently high security level. This manual provides a structured overview of the ASSA P600+ concept. It has been developed to present the information as clearly as possible, supporting you through all technical aspects of the ASSA P600+ system. In addition, it is intended to function as a practical reference guide for ongoing use.

ASSA P600+ Components

- A P600+ key blank
- B P600+ cylinder plug
- C P600+ bottom pins
- D Top pins
- E Springs
- F Cylinder house



Finishes











Plating






ASSA ABLOY products have the benefit of the latest automatic plating equipment, which incorporates the best of modern plating processes. Finishes available for assembled cylinders see tables below.







The finishes are marked with numbers as follows:




- Finish 00 No plating (brass)
- Finish 13 Satin chrome
- Finish 17 Black chrome
- Finish 11 Polished chrome
- Finish 20 Polished brass

Type numbers

Euro profile cylinders		
	Single cylinder	P623+
	Double cylinder	P622+
	Double cylinder with panic (dual action)	P626+
	Double cylinder with free floating cam	P628+
	Cylinder with large round turn	P621+
	Cylinder with clutch release and large round turn	P629+
	Cylinder with class-room function and large round turn	P625+
	Cylinder with small round turn	P624+
	Cylinder with oval turn	P627+
	Cylinder with blind plug	P627.5+

UK oval profile cylinders		
	Single cylinder	P633+
	Double cylinder	P632+
	Cylinder with large round turn	P631+
	Cylinder with small round turn	P634+
	Cylinder with oval turn	P637+

Scandinavian oval cylinders		
	Single oval cylinder (outside)	P601+
	Single oval cylinder (inside)	P603+
	Double oval cylinder	P602+
	Rim single oval cylinder (outside)	P607+
	Rim single oval cylinder (inside)	P609+
	Rim double oval cylinder	P608+

Scandinavian round cylinders		
	Single round cylinder (outside)	P611+
	Single round cylinder (inside)	P613+
	Double round cylinder	P612+

Padlocks		
	Padlock class 2	P2640+
	Padlock class 2	P2641+
	Padlock class 2	P2643+
	Padlock class 2	P2645+
	Padlock class 2	P2649+
	Padlock class 3	P3641+
	Padlock class 3	P3649+
	Padlock class 4	P4641+
	Padlock class 4/5	P5649+

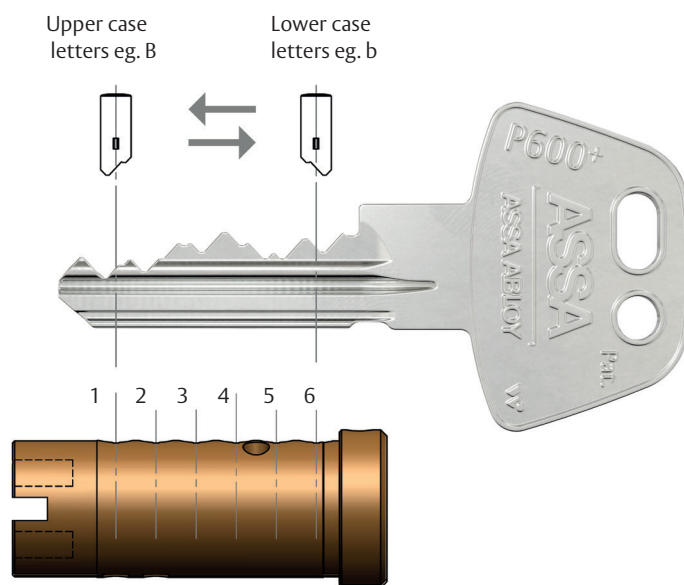
Round threaded cylinders (ANSI)		
	Mortice single cylinder (ANSI)	P651+
	Mortice double cylinder (ANSI)	P652+
	Rim single round cylinder (no. 1)	P657.1+
	Rim single round cylinder (no. 2)	P657.2+
	Rim single round cylinder (no. 3)	P657.3+

Cam and furniture locks		
	Cam lock (ASSA)	P671+
	Cam lock (Ruko)	P677+
	Furniture lock	P672+
	Furniture lock	P673.1+
	Furniture lock	P673.2+
	Furniture lock	P674.1+
	Furniture lock	P674.2+

Bottom pins

Bottom pins are named with letters.

For bottom pins in the channels 1 to 5 the longest tip must point to the left (upper case letters) and in channel 6 the longest tip must point to the right (lower case letters).



The pins

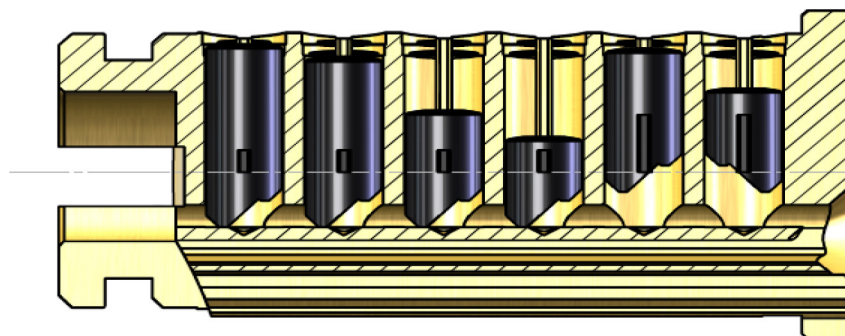
Bottom pins are named with letters.

Top pins must be shown.

Top pin in combination with master pin are to be calculated as previously
(bottom pin minus the sum of master pins).

Code height	Channel 1 to 5		Channel 6		Top pin
	Not hanging	Hanging	Not hanging	Hanging	
1	A	–	a	–	TW-A no. 4
2	B	–	b	–	TW-A no. 4
3	C	–	c	–	TW-B no. 5
4	D	F	d	f	TW-B no. 5
5	G	H	g	h	TW-C no. 6
6	J	K	j	k	TW-C no. 6
7	L	M	i	m	TW-D no. 7
8	N	P	n	p	TW-D no. 7

Channel 1 2 3 4 5 6



Hanging pins in channel 5 and 6.

Guidelines for calculation of Master Key Systems

Master codes

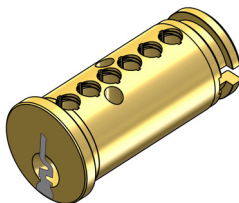
A list of system numbers with master codes is given by ASSA ABLOY Scandinavia, and the sales company is responsible for managing the list.

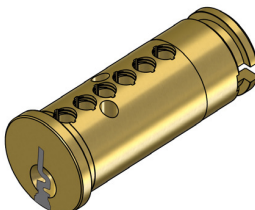
Below criteria have to be used in the calculation of ASSA P600+:

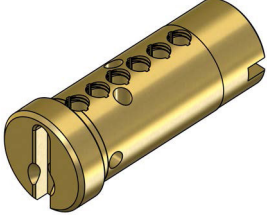
1. The master code consists of 6 digits
2. Vertical digit values 1 to 8 are used. NOTE! Not allowed to use digit value 8 in channel 1.
3. The difference between 2 “adjacent codes” (“neighbour jumps”) in the code must not be larger than 4 in the 5 first codes e.g. 1-6, 2-7 etc, there are no limits for steps between code 5 and 6.
4. Maximum 2 alike codes in a row may be used, e.g. 5 4 8 5 5 3, max 3 alike codes in total. From tip to bow max 4 step. e.g 1-5, 2-6 etc. there are no limits for steps between code 5 and 6. The codes must not be larger than 5 from bow to tip e.g (6-1, 7-2 etc)
5. The master key code is chosen, and the system is being calculated based on standard code layout 0,6, and it is being entered in Security Master or SuperLock.
6. Standard layout with 3 fixed codes. Channels with fixed codes must be randomized. **Only** master codes with code 4 in channel 3. In larger systems variations might be in more channels.
7. Bottom codes 4 or higher gives possibility of hanging pin. Maximum 3 hanging pins in a cylinder. Due to bump-security each cylinder must have at least 1 hanging pin. Channels with hanging pin have to be randomized. Cylinders without hanging pin are not bump-secure.
8. Be aware that all master codes are unique, and will be supplied by your distributor.


Randomizing of channels with fixed codes								
Channel	1	2	3	4	5	6		
Ex. 1		X	F	X	F	F	X	
Ex. 2		F	F	X	F	X	X	
Ex. 3		F	X	X	X	F	F	
Ex. 4		X	F	X	X	F	F	
Ex. 5		X	F	X	F	X	F	

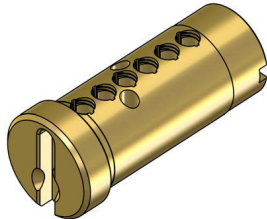
Cylinder type numbers

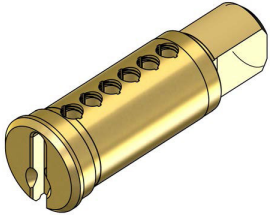
Plug/Inner model number P620+ +0	Cylinder type	Cylinder type number
	Euro profile cylinders	
	Single cylinder +0	P623+
	Double cylinder +0	P622+
	Double cylinder +0	P622-3+
	Double cylinder +0 with panic	P626+
	Double cylinder +0 with panic	P626.3+
	Double cylinder +0 with free wheeling cam	P628+
	Single cylinder +0 with large round knob	P621+
	Single cylinder +0 with clutch release and large round knob	P629+
	Single cylinder +0 with classroom and large round knob	P625+
	Single cylinder +0 with small round knob	P624+
	Single cylinder +0 with oval knob	P627+
	Double cylinder +0 with blind plug	P627.5+
	UK oval profile cylinders	
	Single cylinder +0	P633+
	Double cylinder +0	P632+
	Single cylinder +0 with large round knob	P631+
	Single cylinder +0 with small round knob	P634+
	Single cylinder +0 with oval knob	P637+

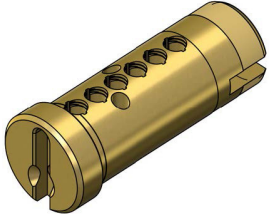
Plug/Inner model number P620+ +5	Cylinder type	Cylinder type number
	Euro profile cylinders	
	Single cylinder +5	P623+
	Double cylinder +5	P622+
	Double cylinder +5 with panic	P626+
	Double cylinder +5 with free cam	P628+
	Single cylinder +5 with large round knob	P621+
	Single cylinder +5 with clutch release and large round knob	P629+
	Single cylinder +5 with classroom and large round knob	P625+
	Single cylinder +5 with small round knob	P624+
	Single cylinder +5 with oval knob	P627+
	Double cylinder +5 with blind plug	P627.5+
	UK oval profile cylinders	
	Single cylinder +5	P633+
	Double cylinder +5	P632+
	Single cylinder +5 with large round knob	P631+
	Single cylinder +5 with small round knob	P634+
	Single cylinder +5 with oval knob	P637+

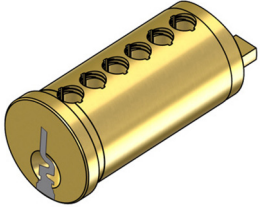
Plug/Inner model number P601+	Cylinder type	Cylinder type number
	Scandinavian oval cylinders	
	Single cylinder (outside)	P601+
	Single cylinder (inside)	P603+
	Double cylinder	P602+
	Rim single cylinder (outside)	P607+
	Rim single cylinder (inside)	P609+
	Rim double cylinder	P608+
	Scandinavian round cylinders	
	Single cylinder (outside)	P611+
	Single cylinder (inside)	P613+
	Double cylinder	P612+
	Padlocks	
	Padlock class 2	P2640+
	Padlock class 2	P2641+
	Padlock class 2	P2643+
	Padlock class 2	P2645+
	Padlock class 2	P2649+
	Padlock class 3	P3641+
	Padlock class 3	P3649+
Padlock class 4	P4641+	
Padlock class 4/5	P5649+	

Plug/Inner model number P651+ 1-1/8"	Cylinder type	Cylinder type number
	Round threaded cylinders (ANSI)	
	Mortice single cylinder 1-1/8"	P651+
	Mortice double cylinder 1-1/8"	P652+
	Rim single cylinder no. 1 1-1/8"	P657.1+
	Rim single cylinder no. 2 1-1/8"	P657.2+
	Rim single cylinder no. 3 1-1/8"	P657.3+

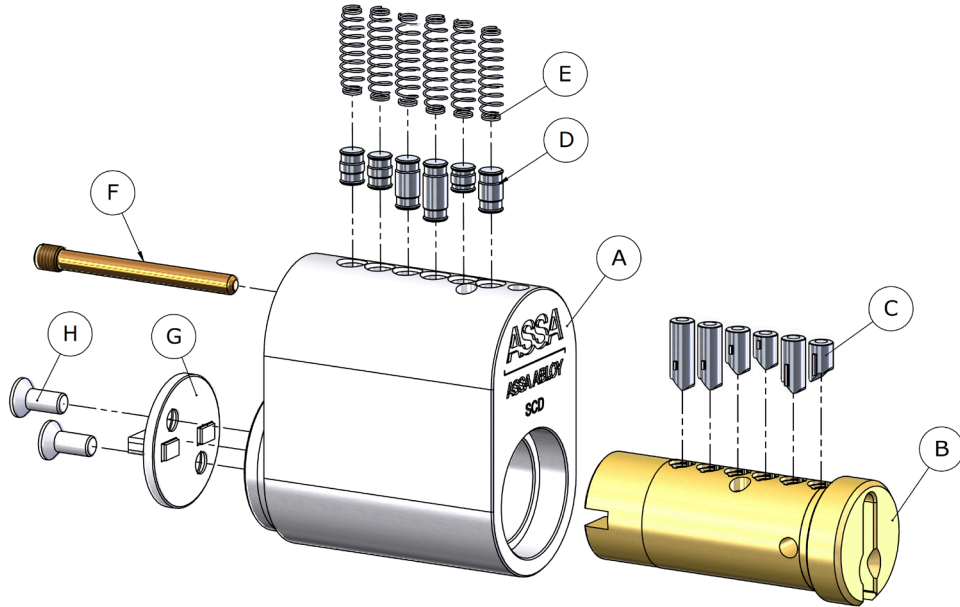
Plug/Inner number P651+ 1-1/4"	Cylinder type	Cylinder type number
	Round threaded cylinders (ANSI)	
	Mortice single cylinder 1-1/4"	P651+
	Mortice double cylinder 1-1/4"	P652+
	Rim single cylinder no. 1 1-1/4"	P657.1+
	Rim single cylinder no. 2 1-1/4"	P657.2+
	Rim single cylinder no. 3 1-1/4"	P657.3+

Plug/Inner model number P671+	Cylinder type	Cylinder type number
	Cam and furniture locks	
	Cam lock (ASSA)	P671+

Plug/Inner model number P677+	Cylinder type	Cylinder type number
	Cam and furniture locks	
	Cam lock (Ruko)	P677+
	Furniture locks (1608)	P672+

Plug/Inner model number P673+	Cylinder type	Cylinder type number
	Cam and furniture locks	
	Furniture lock	P673.1+
	Furniture lock	P673.2+
	Furniture lock	P674.1+
	Furniture lock	P674.2+

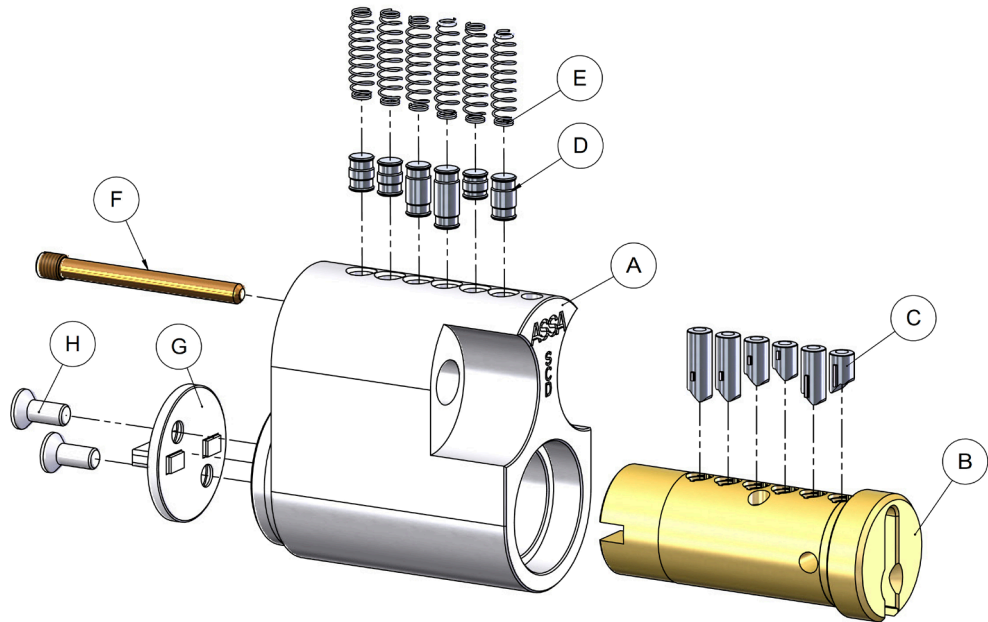
ASSA ABLOY P601+



ASSA ABLOY P601+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P601+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Blocking pin	1	-	-	-	-
G	Follower	1	-	-	-	-
H	Screw for follower	2	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

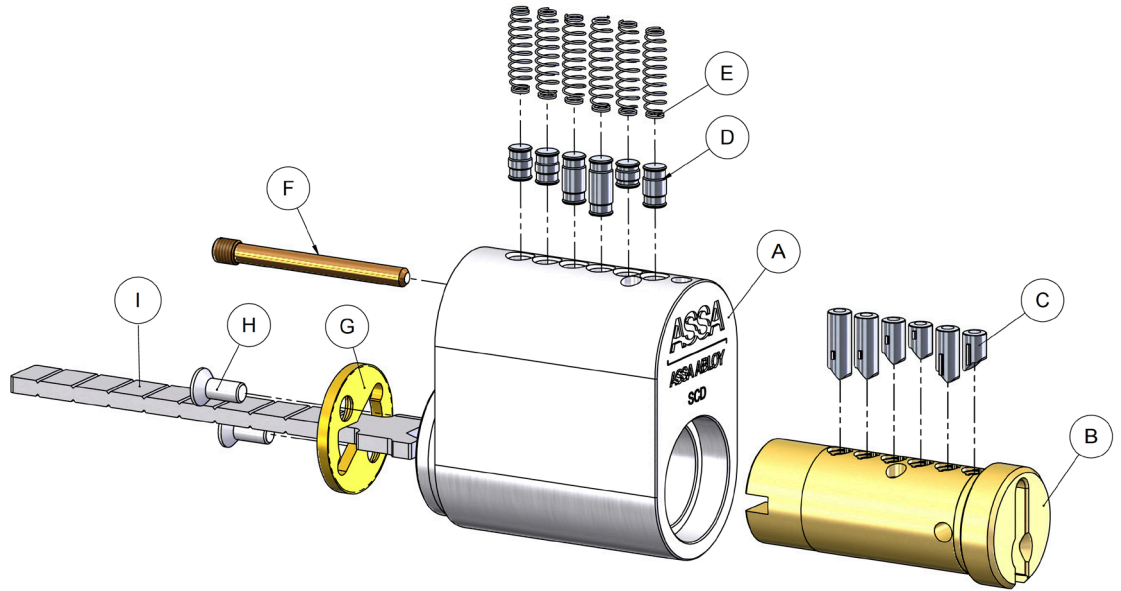
ASSA ABLOY P603+



ASSA ABLOY P603+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P601+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Blocking pin	1	-	-	-	-
G	Follower	1	-	-	-	-
H	Screw for follower	2	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

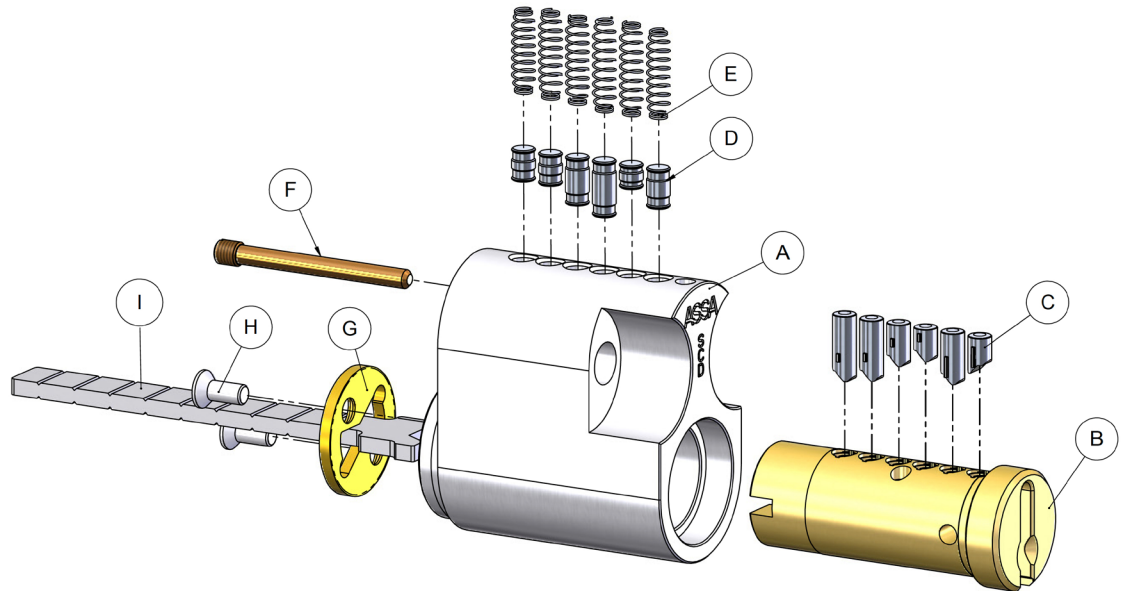
ASSA ABLOY P607+



ASSA ABLOY P607+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P601+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Blocking pin	1	-	-	-	-
G	Disc	1	-	-	-	-
H	Screw	2	-	-	-	-
I	Follower	1	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

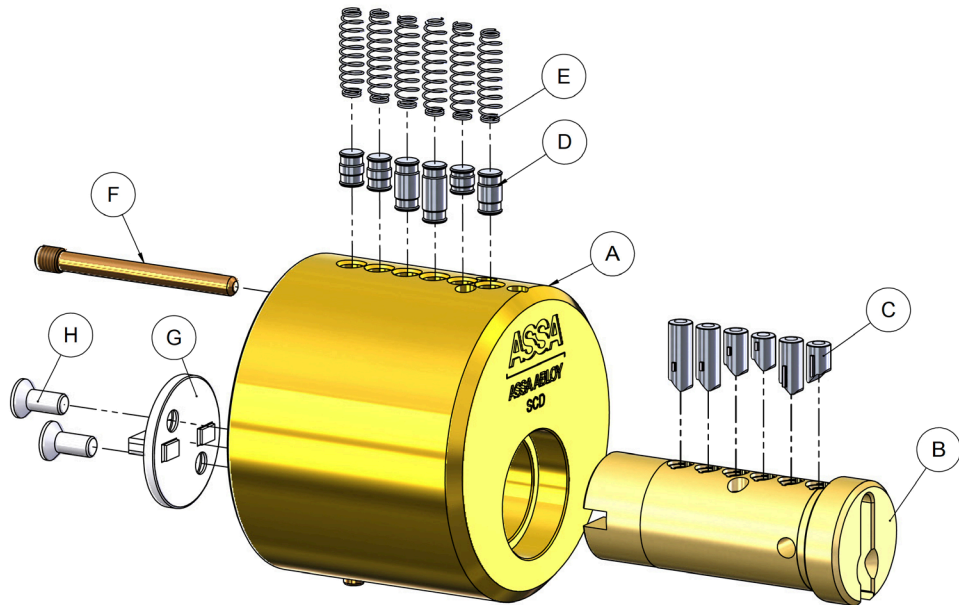
ASSA ABLOY P609+



ASSA ABLOY P609+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P601+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Blocking pin	1	-	-	-	-
G	Disc	1	-	-	-	-
H	Screw	2	-	-	-	-
I	Follower	1	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

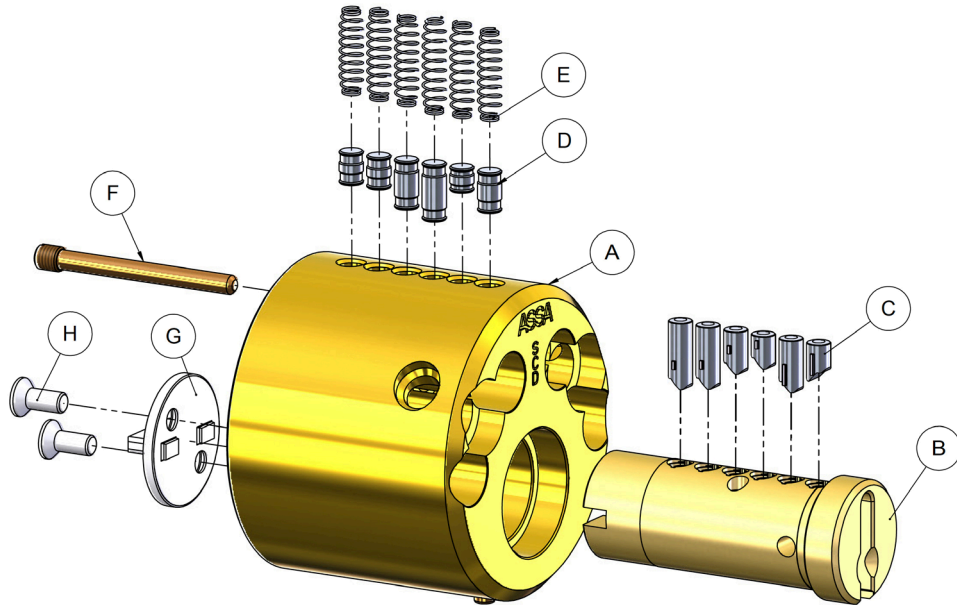
ASSA ABLOY P611+



ASSA ABLOY P611+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P601+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Blocking pin	1	-	-	-	-
G	Follower	1	-	-	-	-
H	Screw for follower	2	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

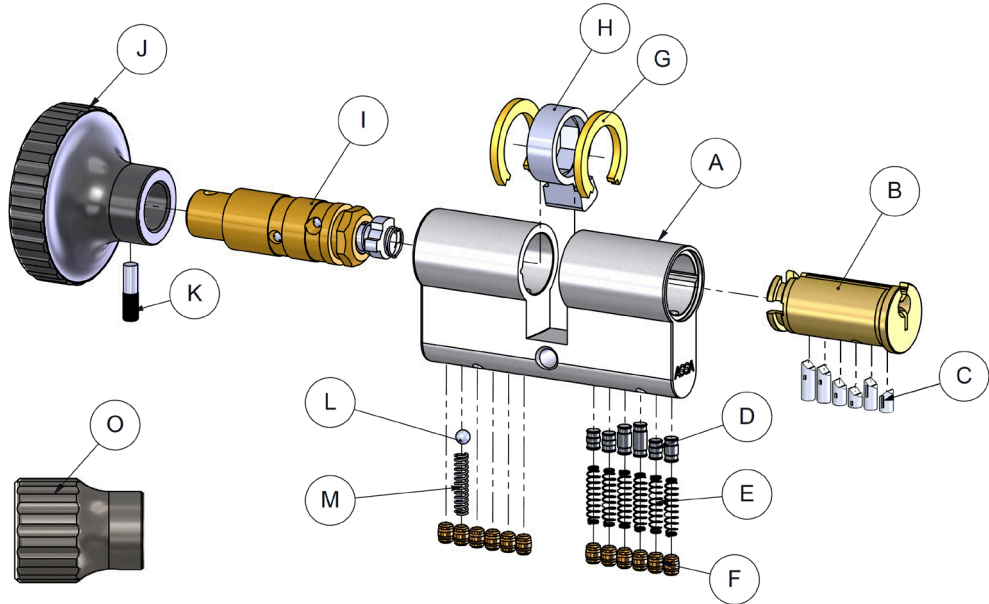
ASSA ABLOY P613+



ASSA ABLOY P603+		Available in finish				
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P601+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Blocking pin	1	-	-	-	-
G	Follower	1	-	-	-	-
H	Screw for follower	2	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

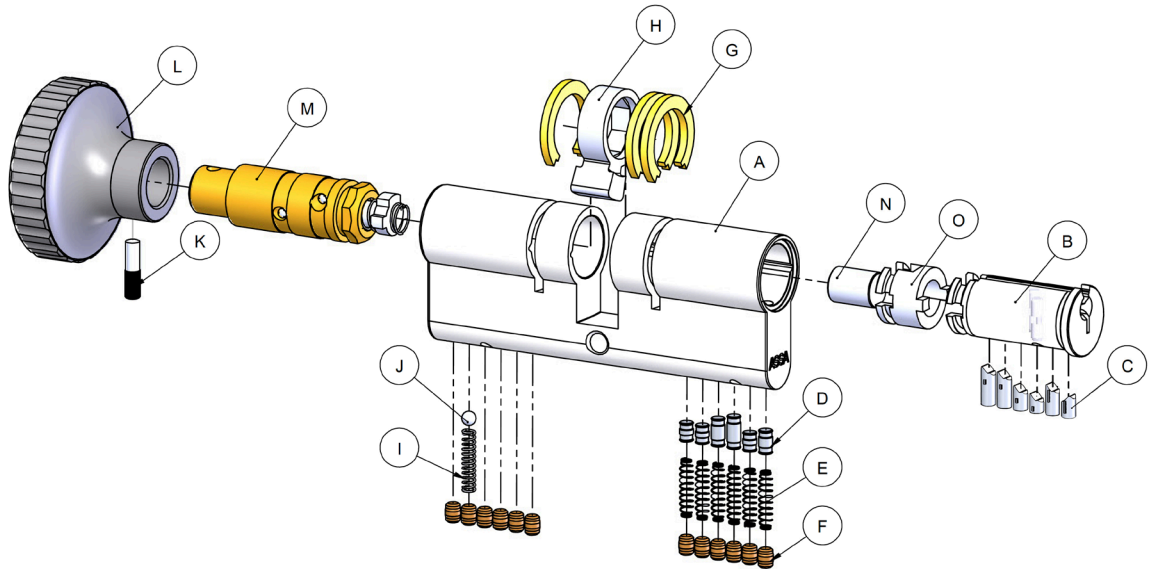
ASSA ABLOY P621+ +0+0



ASSA ABLOY P621+ +0+0			Available in finish		
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	Knob plug +0	1	-	-	-
J	Knob	1	-	√	√
K	Pin for knob	1	-	-	-
L	Ball for knob plug	1	-	-	-
M	Spring for ball	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

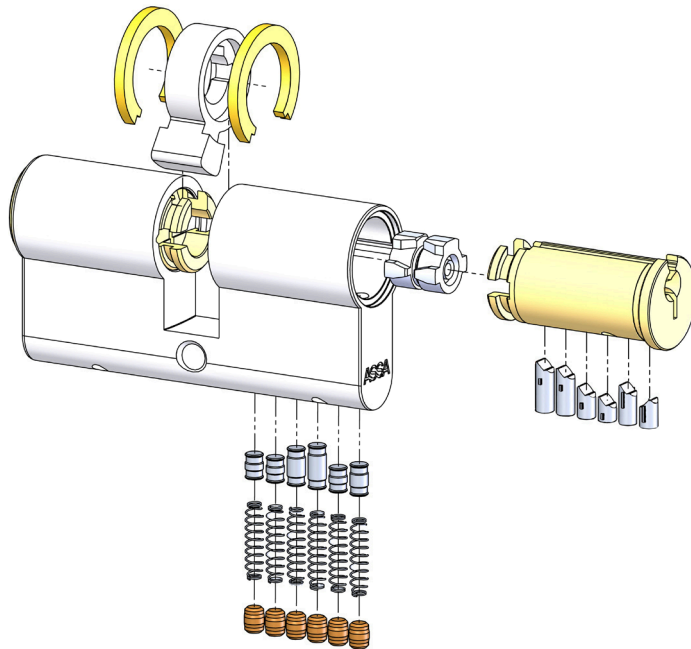
ASSA ABLOY P621+ +10+10



ASSA ABLOY P621+ +10+10			Available in finish		
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	3	-	-	-
H	Cam	1	-	-	-
M	Knob plug +10	1	-	-	-
L	Knob	1	-	√	√
K	Pin for knob	1	-	-	-
J	Ball for knob plug	1	-	-	-
I	Spring for ball	1	-	-	-
N	Extension pin	1	-	-	-
O	Plug extension	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

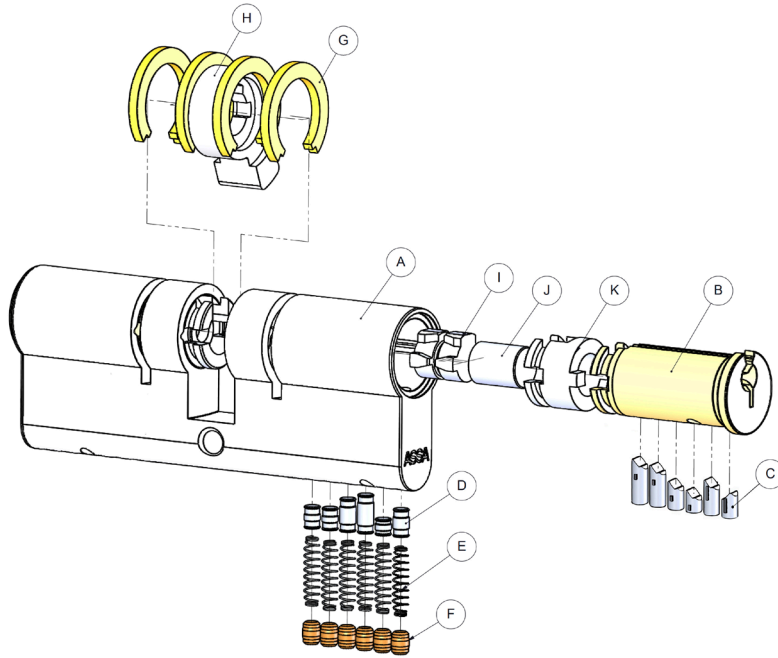
ASSA ABLOY P622+ +0+0



ASSA ABLOY P622+ +0+0		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	2	√	√	-
C	Bottom pin	12	-	-	-
D	Top pin	12	-	-	-
E	Spring	12	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	Driver	1	-	-	-
J	Knob	1	-	√	√

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

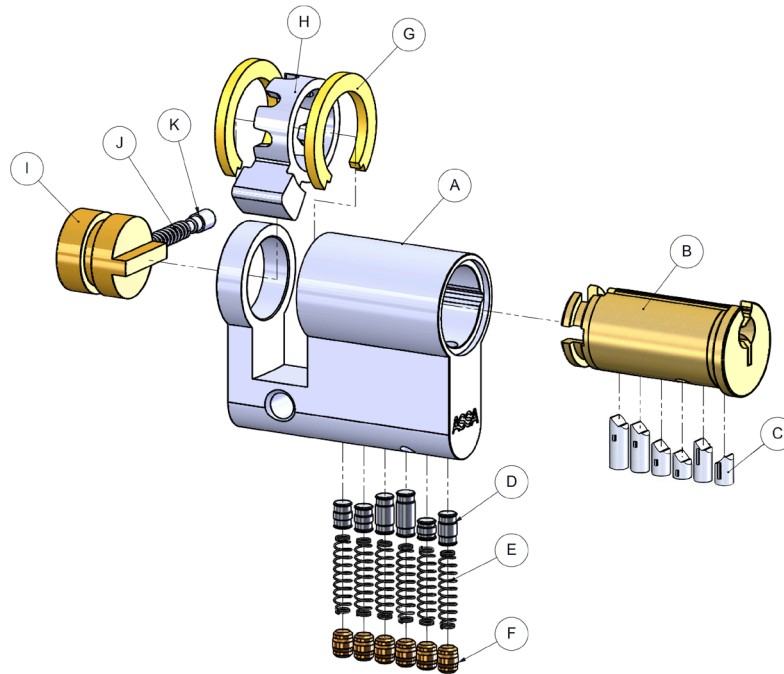
ASSA ABLOY P622+ +10+10



ASSA ABLOY P622+ +10+10		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	2	√	√	-
C	Bottom pin	12	-	-	-
D	Top pin	12	-	-	-
E	Spring	12	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	4	-	-	-
H	Cam	1	-	-	-
I	Driver	1	-	-	-
J	Extension pin	2	-	-	-
K	Plug extension	2	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

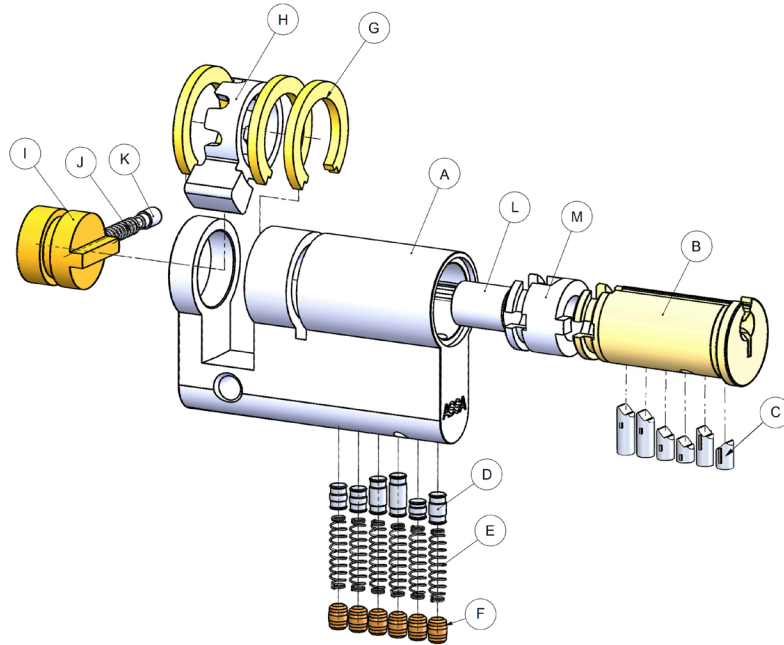
ASSA ABLOY P623+ +0



ASSA ABLOY P623+ +0		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Plug for cylinder house	6	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	End-driver	1			
J	End-driver spring	1	-	-	-
K	End-driver pin	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

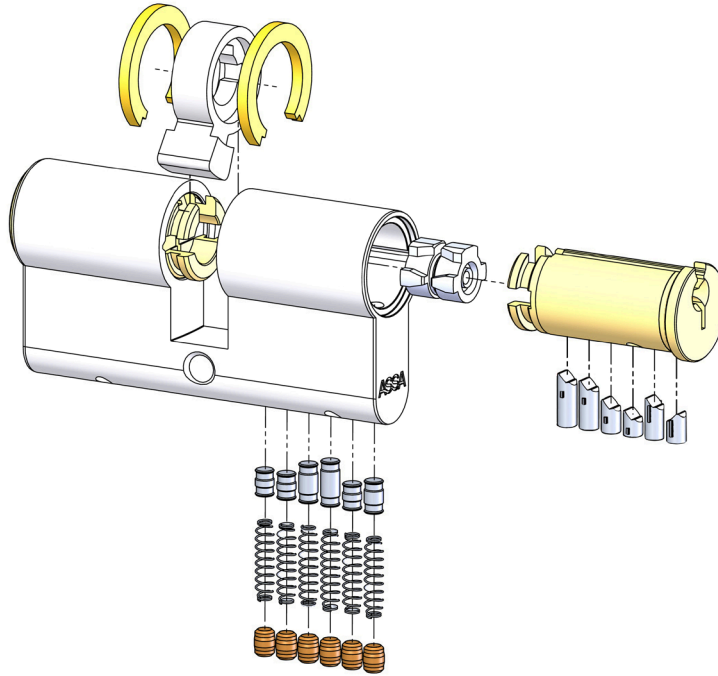
ASSA ABLOY P623+ +10



ASSA ABLOY P623+ +10			Available in finish		
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Plug for cylinder house	6	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	End-driver	1	-	-	-
J	End-driver spring	1	-	-	-
K	End-driver pin	1	-	-	-
L	Extension pin	1	-	-	-
M	Plug extension	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

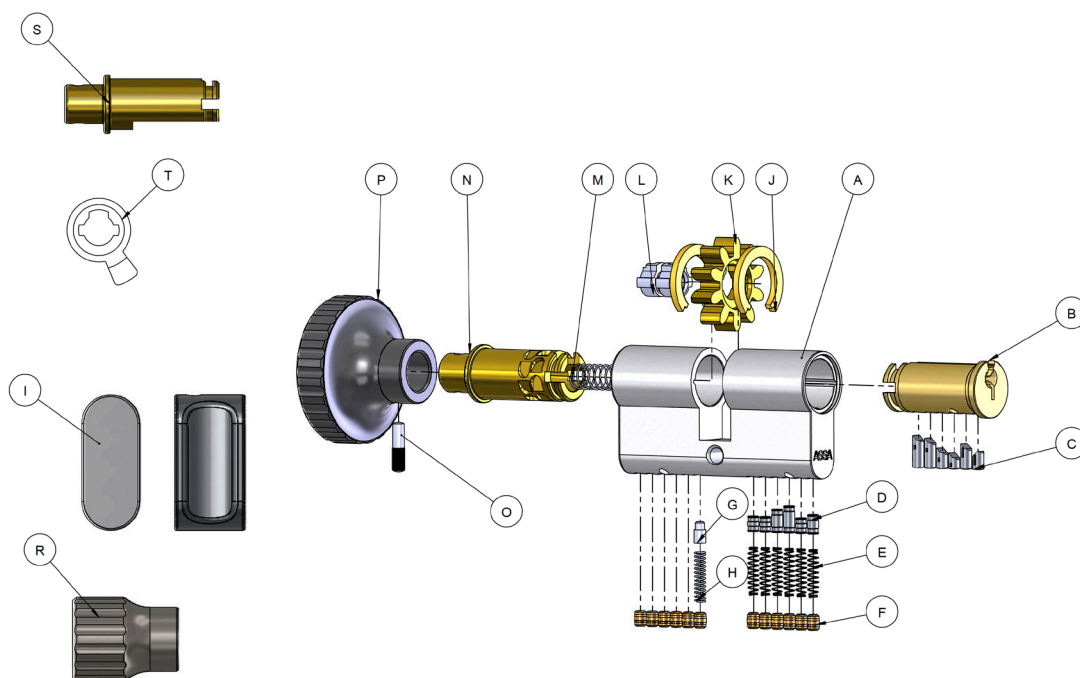
ASSA ABLOY P626+ +0+0



ASSA ABLOY P626+ +0+0			Available in finish		
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	2	√	√	-
C	Bottom pin	12	-	-	-
D	Top pin	12	-	-	-
E	Spring	12	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
J	Dual action driver	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

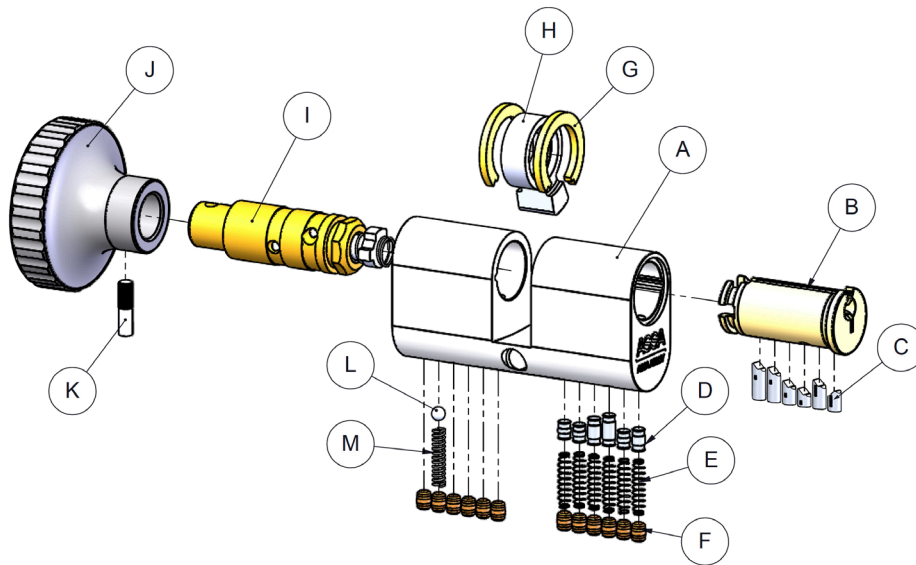
ASSA ABLOY P625+, ASSA ABLOY P629+ och 10 T.C.



	ASSA ABLOY	P625+	P629+	10 T.C.	Available in finish		
Item	Description	Qty.	Qty.	Qty.	00	13	20
A	Cylinder house 6 pin	1	1	1	-	√	√
B	Cylinder plug P620+*	1	1	1	√	√	-
C	Bottom pin	6	6	6	-	-	-
D	Top pin	6	6	6	-	-	-
E	Spring	6	6	6	-	-	-
F	Plug for cylinder house	12	12	12	-	-	-
G	Pin for classroom plug	1			-	-	-
H	Spring for classroom plug	1			-	-	-
I	Oval turn				-	√	√
J	Circlip	2	2	2	-	-	-
K	10 teeth cam			1	-	-	-
L	Clutch release driver	1	1	1	-	-	-
M	Spring	1	1	1	-	-	-
N	Classroom plug	1					
O	Pin for knob	1	1	1			
P	Large round knob					√	√
R	Small round knob					√	√
S	Clutch release plug		1	1			
T	Cam piece	1	1				

*Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

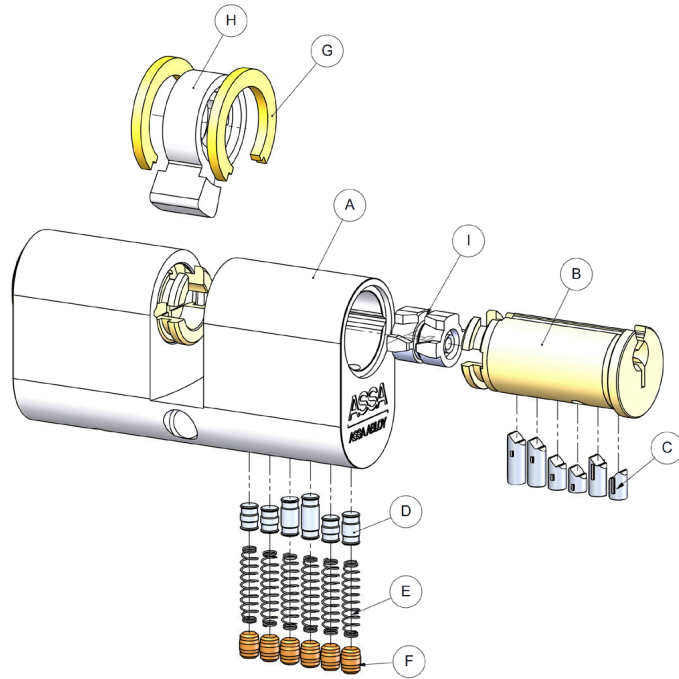
ASSA ABLOY P631+ +0+0



ASSA ABLOY P631+ +0+0		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	Knob plug +0	1	-	-	-
J	Knob	1	-	√	√
K	Pin for knob	1	-	-	-
L	Ball for knob plug	1	-	-	-
M	Spring for ball	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

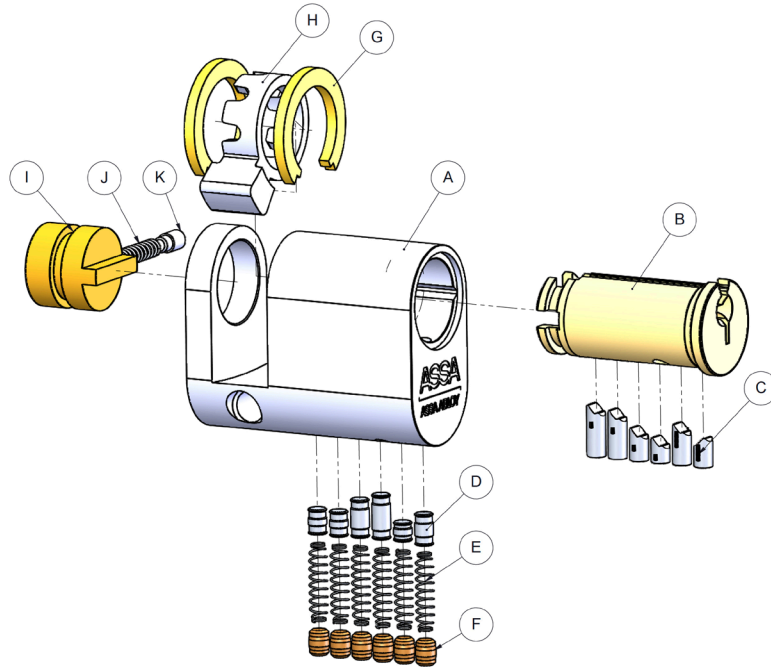
ASSA ABLOY P632+ +0+0



ASSA ABLOY P632+ +0+0		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	12	-	-	-
D	Top pin	12	-	-	-
E	Spring	12	-	-	-
F	Plug for cylinder house	12	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	Driver	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

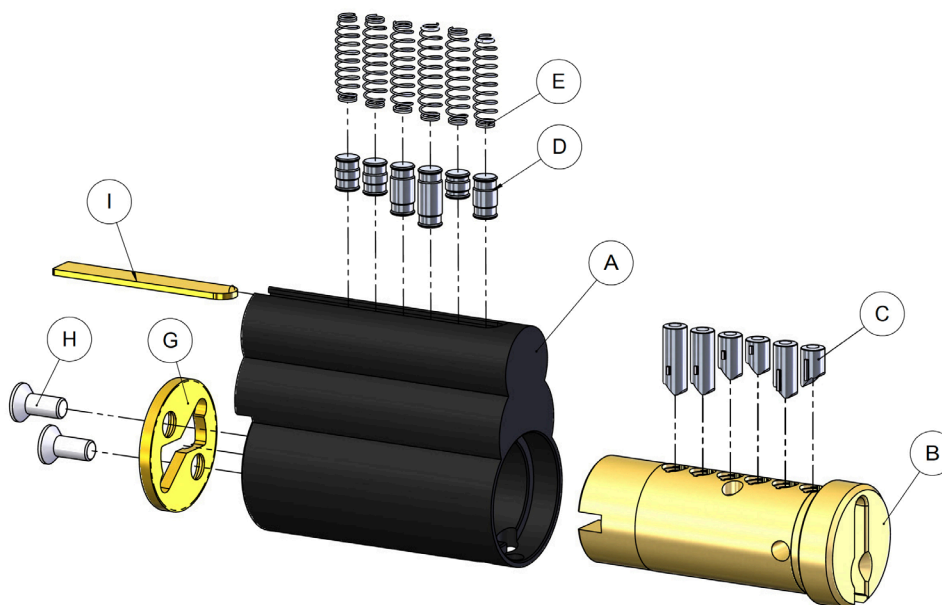
ASSA ABLOY P633+ +0



ASSA ABLOY P633+ +0		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P620+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Plug for cylinder house	6	-	-	-
G	Circlip	2	-	-	-
H	Cam	1	-	-	-
I	End-driver	1	-	-	-
J	End-driver spring	1	-	-	-
K	End-driver pin	1	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

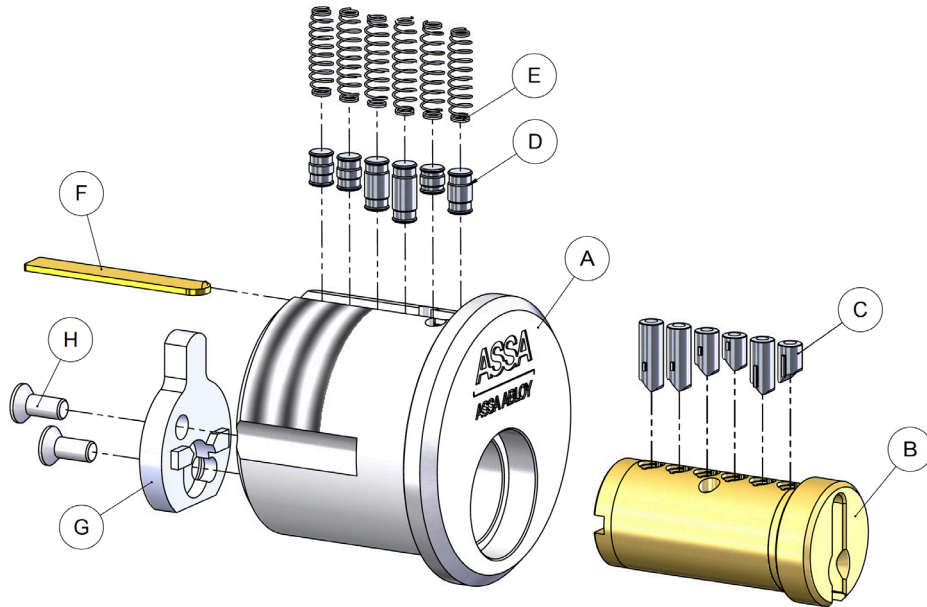
Cylinder for ASSA ABLOY P600+ padlocks



Cylinder for ASSA ABLOY P600+ padlocks		Available in finish		
Item	Description	Qty.	00	17
A	Cylinder house 6 pin	1	-	√
B	Cylinder plug P601+*	1	√	-
C	Bottom pin	6	-	-
D	Top pin	6	-	-
E	Spring	6	-	-
G	Cam	1	-	-
H	Screw	2	-	-
I	Blocking stripe	1	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

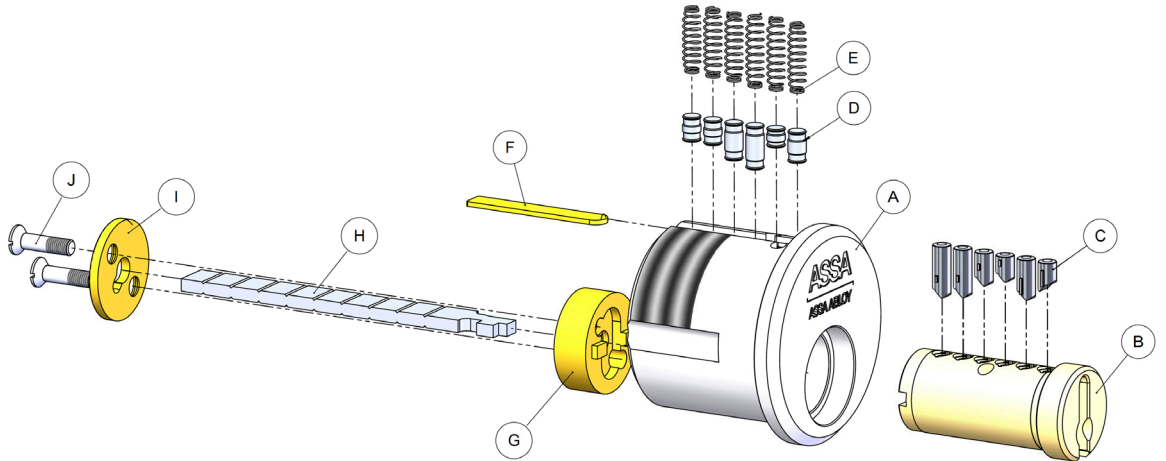
ASSA ABLOY P651+



ASSA ABLOY P651+		Available in finish			
Item	Description	Qty.	00	13	20
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P651+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Blocking stripe	1	-	-	-
G	Cam	1	-	-	-
H	Screw for cam	2	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

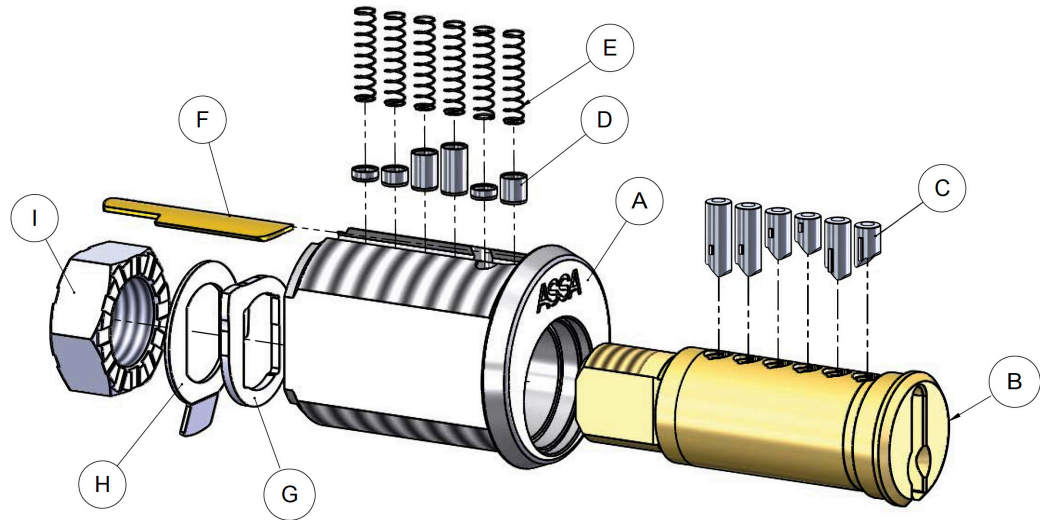
ASSA ABLOY P657+



ASSA ABLOY P657+		Available in finish			
Item	Description	Qty.	00	13	18
A	Cylinder house 6 pin	1	-	√	√
B	Cylinder plug P601+*	1	√	√	-
C	Bottom pin	6	-	-	-
D	Top pin	6	-	-	-
E	Spring	6	-	-	-
F	Blocking stripe	1	-	-	-
G	Cam	1	-	-	-
H	Follower	1	-	-	-
J	Disc for cam	1	-	-	-
J	Screw	2	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

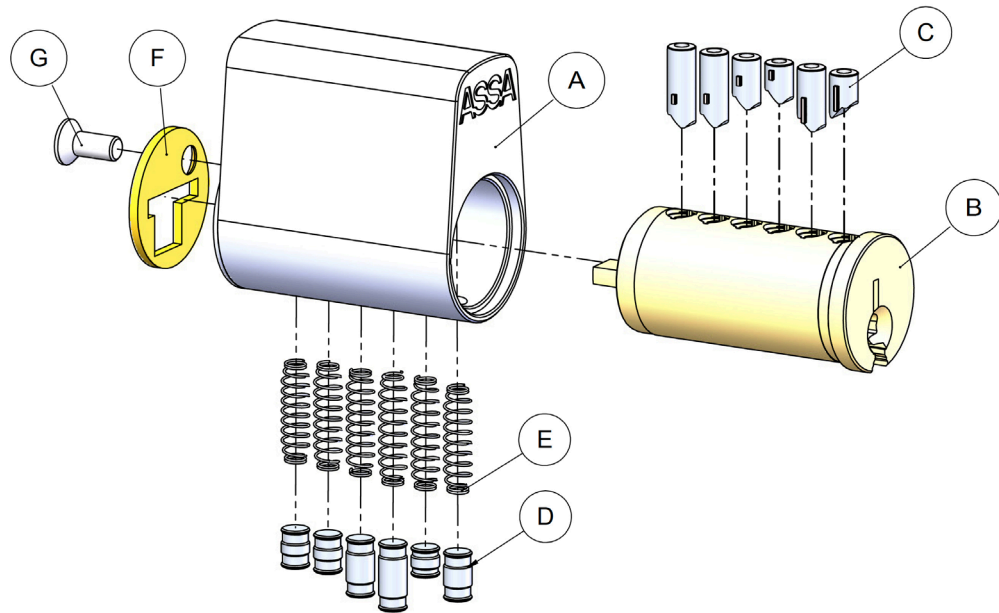
ASSA ABLOY P671+



ASSA ABLOY P671+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P671+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Pin cover	1	-	-	-	-
G	Disc	1	-	-	-	-
H	Cam	1	-	-	-	-
I	Bolt	1	-	-	-	-
J	Screw	2	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

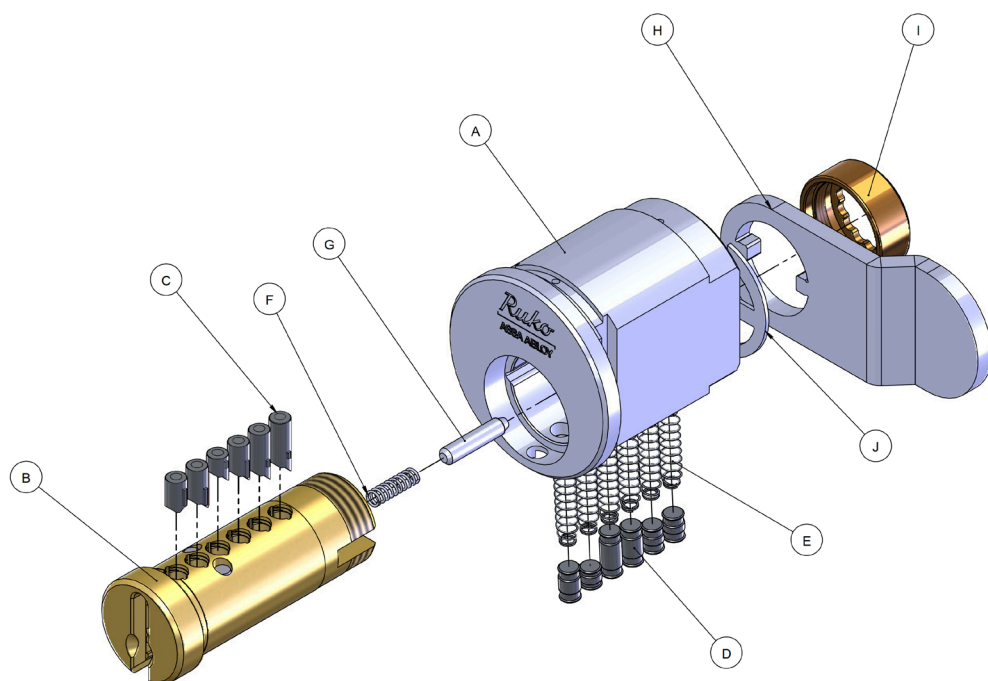
ASSA ABLOY P673+



ASSA ABLOY P673+			Available in finish			
Item	Description	Qty.	00	11	13	20
A	Cylinder house 6 pin	1	-	√	-	√
B	Cylinder plug P673+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Cam	1	-	-	-	-
G	Screw for cam	1	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

ASSA ABLOY P677+



ASSA ABLOY P677+			Available in finish			
Item	Description	Qty.	00	11	13	18
A	Cylinder house 6 pin	1	-	√	√	√
B	Cylinder plug P677+*	1	√	-	√	-
C	Bottom pin	6	-	-	-	-
D	Top pin	6	-	-	-	-
E	Spring	6	-	-	-	-
F	Spring for locking pin	1	-	-	-	-
G	Locking pin	1				
H	Cam	1	-	-	-	-
I	Bolt	1	-	-	-	-
J	Blocking disc	2	-	-	-	-

* Before inserting into cylinder house, the cylinder plug must be loaded with bottom pins.

Service and maintenance

ASSA ABLOY Lock Spray

Lock cylinders must be lubricated to work flawlessly. The spray can comes in two sizes now, but with the same content as before. The can has a valve designed to always spray the right amount of lubricant with each press, so we can guarantee the right lubrication every time. The lubricant significantly enhances the reliability and lifespan of the lock cylinder.

- **PRECISE** – just the right amount of lubricant every time
- **ECO-FRIENDLY** – the propellant is environment class
- **EFFECTIVE** – small amounts give quick results
- **QUICK DRYING** – does not bind dust or grit
- **WATER RESISTANT** – does not bind salt, protects against corrosion
- **ANTI FREEZE** – de-icing and anti-freezing properties
- **SERVICE AND MAINTENANCE** – recommended twice a year or after at least 5,000 cycles according to the building's service schedule

Environment class

The spray can contains a propellant that is gentle on the environment, does not impact the ozone layer and has little effect on greenhouse gases.

The requirements for environmental-class lock sprays are constantly getting tighter, and ASSA ABLOY is far advanced in the field.

For lubricating and cleaning

Shake before using. Insert the spray nozzle in the keyway and press the button, holding it down until the spray dose is finished. Insert the key and turn it a few times. Wipe off the key.

To thaw the lock

Spray once in the keyway, hold the button down until the spray dose is finished, then wait 30 seconds. Insert the key and turn it a few times. Wipe off the key. If the lock is still frozen, use ASSA ABLOY De-Icer spray to prevent further freezing. **Repeat the lubrication.**

Features

- 50 ml / 200 ml cans
- 150 µl dosage valve
- HFO1234ze propellant
- Temperature range -12°C to +50°C
- Do not store in below-freezing temperatures





HFO 1234ze
Environmental-class
propellant



Spray once



Do not store in
below-freezing
temperatures



Pressurized
containers can
explode when
subjected to heat

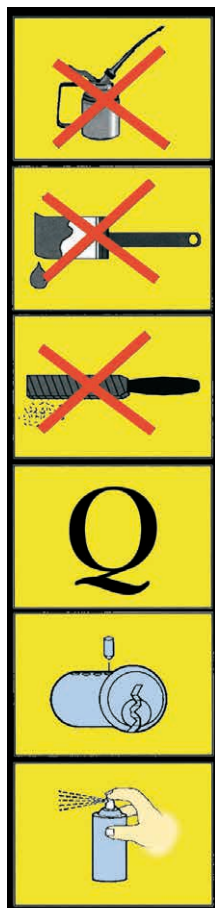
Perform regular service/maintenance for reliable functioning

Many factors affect the opening and closing of a door. Doors and locks require regular service and preventive maintenance to work reliably for a long time.

Lock cylinder

We recommend cleaning and lubricating lock cylinders twice a year or after 5,000 cycles. Always use ASSA ABLOY Lock Spray to ensure reliability. Always schedule maintenance just before the winter season. This may prevent the lock jamming due to condensation or freezing. Test the ASSA ABLOY CLIQ Remote/ASSA ABLOY Twintronic functions as part of the regular maintenance schedule. Also check wires, connectors and electrical systems annually.

Maintaining cylinders



Never use oil or graphite

Never paint over

Protect from dust/particles

Cylinder installation

- Precision
- Quality

Service/maintenance

- Frequency/5,000 cycles
- Disruptions in service
- In compliance with the system agreement

1 x Lubrication

- Cylinder installation
- Twice a year or after 5,000 cycles
- Prevent condensation

Warning!

Never use oil or graphite in lock cylinders! Grease and oil can cause the lock cylinder to jam.

If you have repeated problems with the lock cylinder or key operation, contact your ASSA ABLOY Licensed Service Station with an authorization contract for assistance and practical measures.

Notes

Keys and cylinders are subject to wear during normal usage and should be replaced when they stop working properly.

For keys with a CLIQ function, check the battery power at least once a year.

Maintaining keys



Unreliable opening

- Frequency/5,000 cycles
- Copying
- Mechanical wear

Key coding

- Cutting depth/tolerances
- Precision
- Equipment

Key identity

- Always mark your keys
- In compliance with the system documents

Authorization checks

- Resource access
- Registration
- Safety binder

Battery power

- Check annually

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