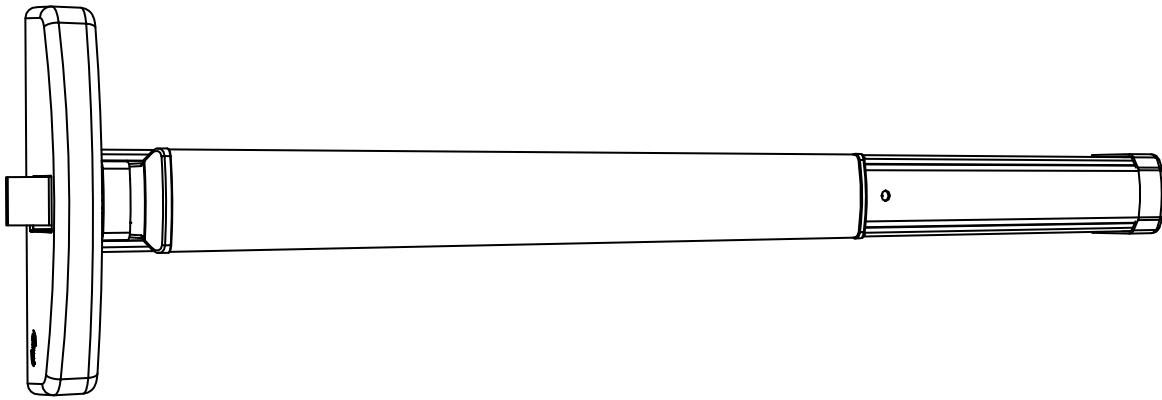
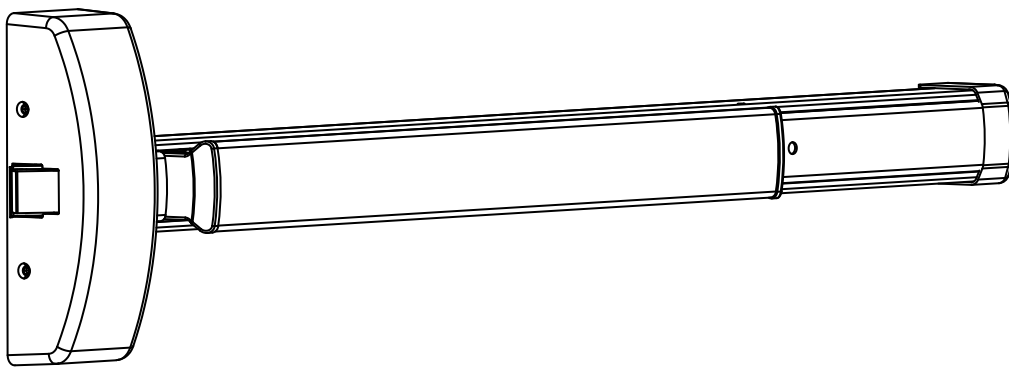


BEST-Precision 2000 Series

Exit device and trim

Service Manual



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1 Getting started

1.1 Introduction

The BEST-Precision 2000 series touchbar style exit device is highly regarded by architects and end-users alike. Many of the nation's largest health care and educational facilities prefer the BEST-Precision for its aesthetic design and efficient engineering. All BEST-Precision 2000 series Exit Devices are UL listed for panic and fire hardware and are certified to ANSI A156.3 Grade 1. Several models are also certified for hurricane resistant applications. A complete offering of mechanical and electrical options provide a wide range of exit device security solutions. However, the traditional core strengths of the product can't be overstated – simple operation with few moving parts, manufactured with true ANSI/BHMA architectural finishes. The active case is constructed from investment cast steel and the universal mounting holes provide an easier retrofit installation.

Figure 1 BEST-Precision 2000 Series Exit Device and Trim



1.2 Overview

Before looking up the part

Before looking up the part, know the model of the exit device, the function it performs, which style lever, knob, or grip you presently have, and what type of finish is on it. All these parameters are important to ordering the proper parts for your device.

Please read any footnotes, as they may contain important information concerning options for your unit or your parts.

Models

Table 1

2100	Rim devices
2200	Surface vertical rod exit devices
2300	Mortise exit devices
2400	Narrow stile rim exit devices
2600	Narrow stile concealed vertical rod exit devices
2700	Wood door concealed vertical rod exit devices
2800	Concealed vertical rod exit devices

Functions

Rim and vertical rod exit devices incorporate universal function.

Table 2

ANSI function	Description
01	Exit only (cover plate)
02	Dummy trim
03	Key retracts latchbolt
05	Key locks/unlocks thumbpiece
08	Key locks/unlocks lever/knob
10	Double cylinder - inside key locks/unlocks lever/knob
14	No cylinder - lever/knob always active
15	No cylinder - thumbpiece always active

Style

- Know which of the many styles of trim and levers your unit requires.
- Know which options your unit has.
- Know if your unit has a special rating such as fire, hurricane compliance, or delayed egress that would require special ordering of the parts.

Finishes

Table 3

ANSI/BHMA	US code	Description
605	US3	Polished brass, clear coated
606	US4	Satin brass, clear coated
612	US10	Satin bronze, clear coated
613	US10B	Dark oxidized satin bronze
625	US26	Polished chromium plated
626	US26D	Satin chrome plated
628	US28	Satin aluminum, clear anodized
630	US32D	Satin stainless steel

Other options

Table 4

Abbreviation	Description
DE	Delayed egress
E	Electric lock/unlock device
ELR	Electric latch retraction
FL	Fire exit hardware
HC	Windstorm and hurricane code device
LDS	Latchbolt monitoring double switch
LS	Latchbolt monitoring switch
Q	Wireless access management system
TDS	Touchbar monitoring double switch
TS	Touchbar monitoring switch
WTDS	Weatherized touchbar monitoring double switch
WTS	Weatherized touchbar monitoring switch
ALK	Exit alarm: battery operated
ALW	Exit alarm: remote power
BRL	Braille touchbar
CD	Cylinder dogging
DS	Door position monitoring switch
LD	Less dogging
SEC	Security screws
SNB	Sex nut and bolt

Support services

If you are unsure of which part you need, please contact your dormakaba representative or call direct to **1-800-392-5209**.

Web addresses

<https://dhwsupport.dormakaba.com/hc/en-us>

2 Exit device overview

This chapter provides top level diagrams for various BEST-Precision 2000 models of Exit Devices. It gives direction as to where in this manual more detailed information on the separate components of that model may be found.

The diagrams show a basic model. Details of usage and options are listed in the component chapters. If you do not find the optional or specialized part, see Chapter 8, Other Components page 71.

2.1 2100 BEST-Precision rim series

2100 Series parts guide

Refer to figure 2 and the table below to find the basic chapter you need.

Fig. 2, Table 5

Figure 2 2100 BEST-Precision rim exit device

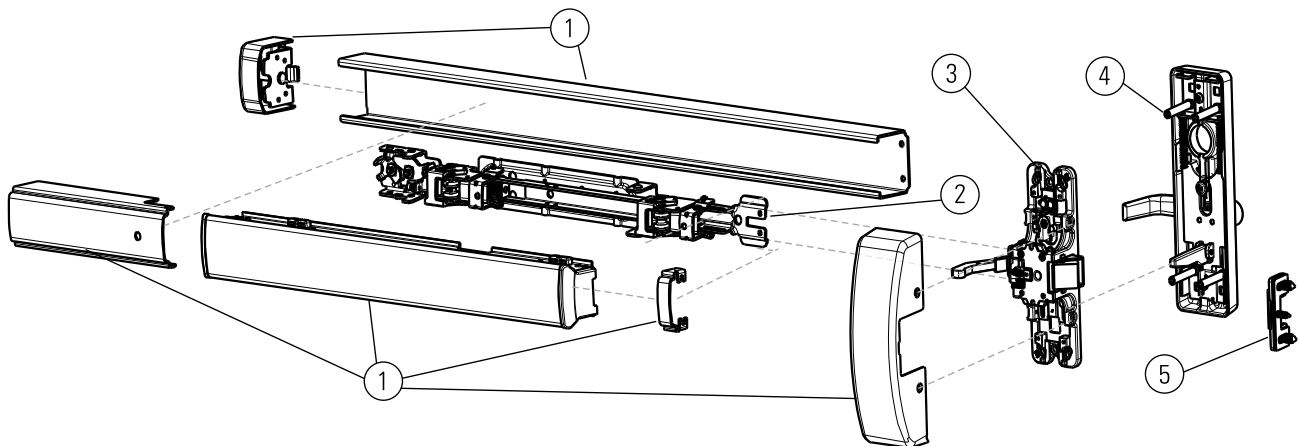


Table 5

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Touchbar mechanisms	See chapter 5
3	Active case assembly	See chapter 6
4	Trim	See chapter 3
5	Strike/latch/rods	See chapter 7

2.2 2200 BEST-Precision surface vertical rod series

2200 Series parts guide

Refer to figure 3 and the table below to find the basic chapter you need.

Fig. 3, Table 6

Figure 3 2200 BEST-Precision surface vertical rod (SVR) exit device

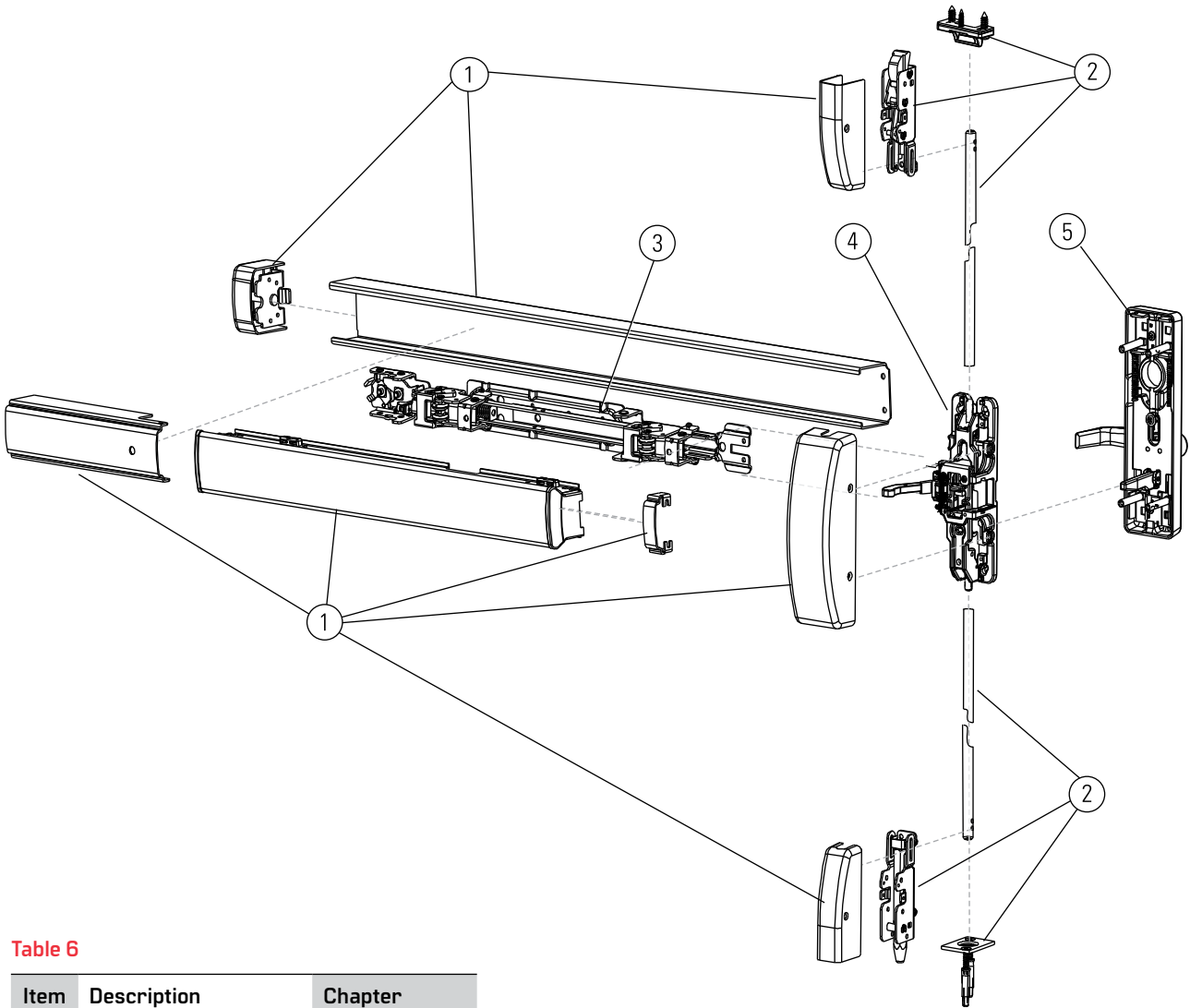


Table 6

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Strike/latch/rods	See chapter 7
3	Touchbar mechanisms	See chapter 5
4	Active case assemblies	See chapter 6
5	Trim	See chapter 3

2.3 2300 BEST-Precision mortise series

2300 Series parts guide

Refer to figure 4 and the table below to find the basic chapter you need.

Fig. 4, Table 7

Figure 4 2300 BEST-Precision mortise exit device

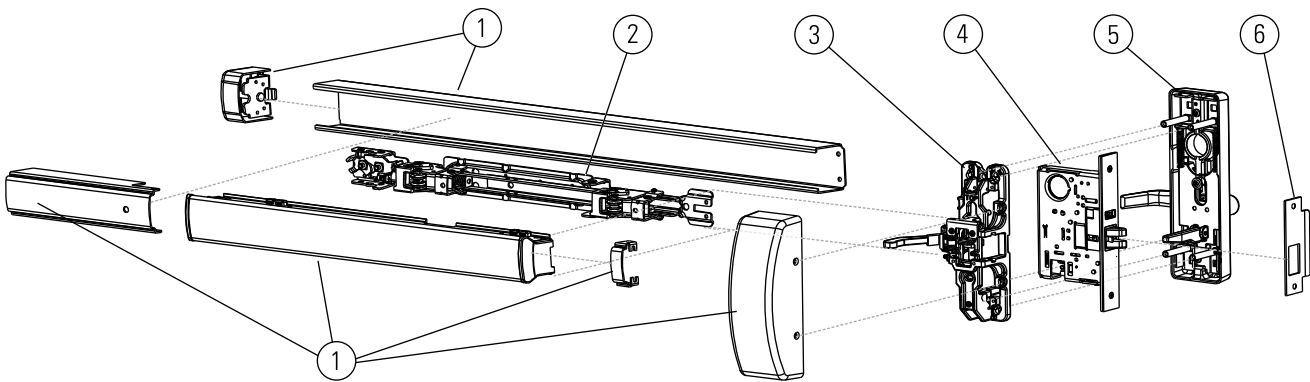


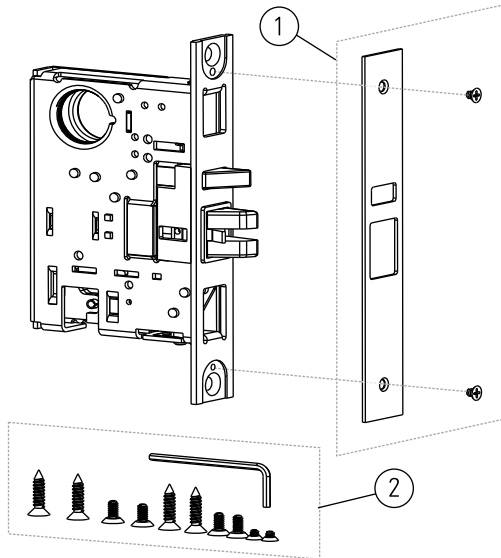
Table 7

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Touchbar mechanisms	See chapter 5
3	Active case assemblies	See chapter 6
4	Mortise case	See page 14
5	Trim	See chapter 3
6	Strike/latch/rods	See chapter 7

2.4 2300 BEST-Precision mortise cases

Fig. 5, Table 8

Figure 5 2300 BEST-Precision mortise exit device



Complete mortise case does not include a cylinder. Order the cylinder separately. See the BEST Cylinder Product Catalog.

Abbrev.	Description
E	Electric lock/unlock
LS	Latch switch
M3	Mortise
F	Fire rated

Example:

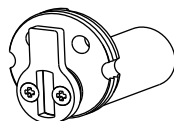
LSM308F + Hand + Finish

LS	M3	08	F
Latch switch	Mortise case	Function	Fire rated

Table 8

Item	Part no.	Description	Qty.	Hand	
				RHRB	LHRB
	02555-05 *	EM303 – complete	1	■	
	02821-05 *	EM303 – complete	1		■
	02556-05 *	EM303F – complete	1	■	
	02822-05 *	EM303F – complete	1		■
	02557-05 *	LSEM303 – complete	1	■	
	02823-05 *	LSEM303 – complete	1		■
	02558-05 *	LSEM303F – complete	1	■	
	02824-05 *	LSEM303F – complete	1		■
	02553-05 *	LSM303 – complete	1	■	
	02819-05 *	LSM303 – complete	1		■
	02554-05 *	LSM303F – complete	1	■	
	02820-05 *	LSM303F – complete	1		■
	02551-05 *	LSM308 – complete	1	■	
	02817-05 *	LSM308 – complete	1		■
	02552-05 *	LSM308F – complete	1	■	
	02818-05 *	LSM308F – complete	1		■
	02543-05 *	M303 – complete	1	■	
	02813-05 *	M303 – complete	1		■
	02544-05 *	M303F – complete	1	■	
	02814-05 *	M303F – complete	1		■
	02545-05 *	M308 – complete	1	■	
	02815-05 *	M308 – complete	1		■
	02816-05 *	M308F – complete	1		■
	02549-05 *	M310 – complete ^a	1	■	
	02547-05 *	M310 – complete ^a	1		■
	02550-05 *	M310F – complete ^a	1	■	
	02548-05 *	M310F – complete ^a	1		■
1	01064-05	Mortise scalp pack	1	■	■
2	02118-09	Screw pack, mortise lock	1	■	■

a. Also includes cylinder extension 01134-05. *Specify finish when ordering these parts.



2.5 2 4 0 0 BEST-Precision rim, narrow stile series

2400 Series parts guide

Refer to figure 6 and the table below to find the basic chapter you need.

Fig. 6, Table 9

Figure 6 2400 BEST-Precision rim narrow stile exit device

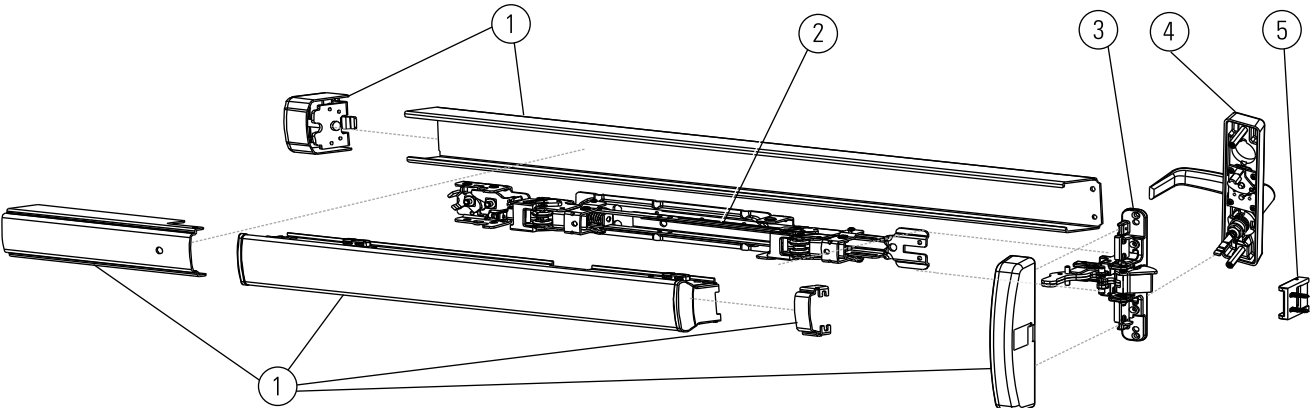


Table 9

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Touchbar mechanisms	See chapter 5
3	Active case assemblies	See chapter 6
4	Trim	See chapter 3
5	Strike/latch/rods	See chapter 7

2.6 2 6 0 0 BEST-Precision concealed vertical rod,narrow stile series

2600 Series parts guide

Refer to figure 7 and the table below to find the basic chapter you need.

Fig. 7, Table 10

Figure 7 2600 BEST-Precision concealed vertical rod (CVR), narrow stile exit device

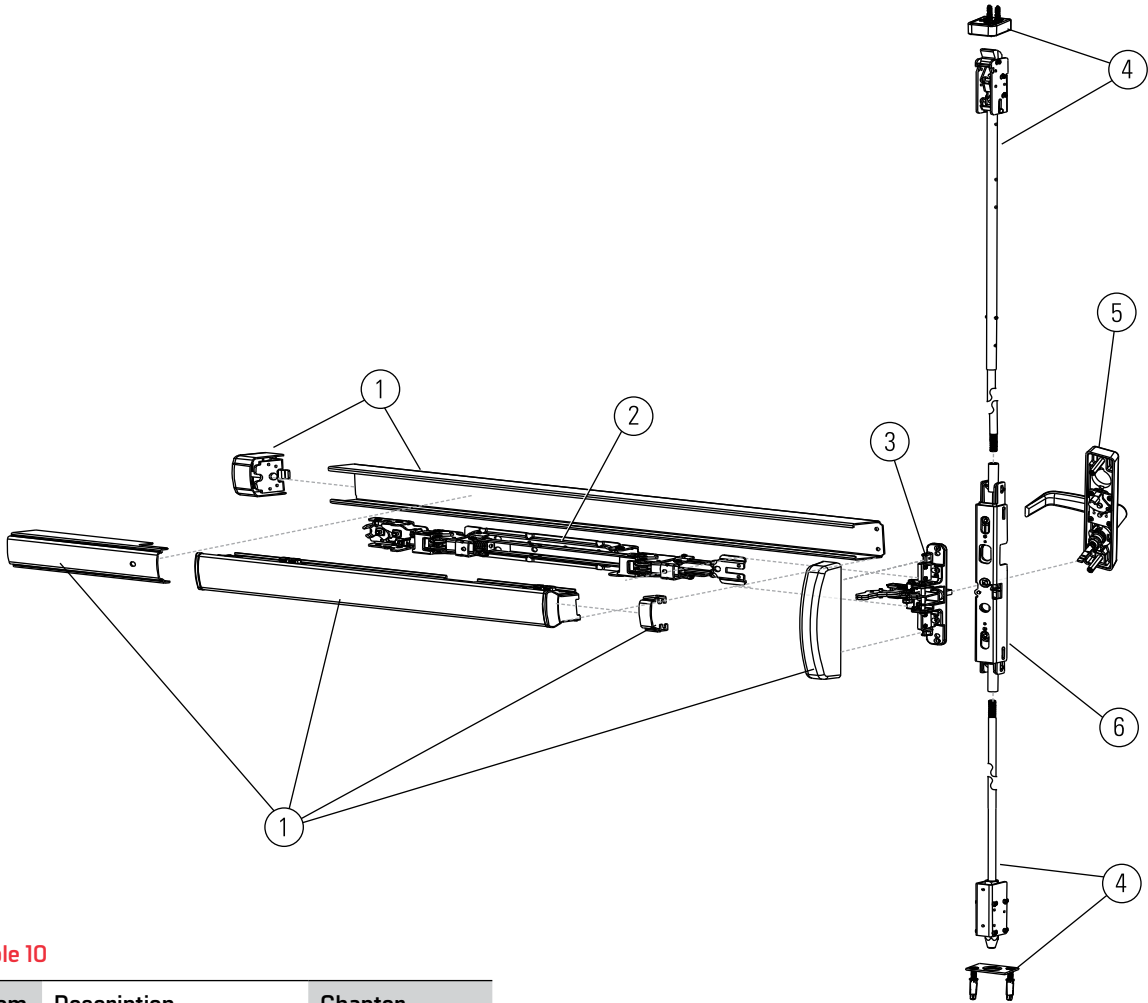


Table 10

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Touchbar mechanisms	See chapter 5
3	Active case assemblies	See chapter 6
4	Strike/latch/rods	See chapter 7
5	Trim	See chapter 3
6	Center case	See chapter 7

2.7 2700 BEST-Precision wood door concealed vertical rod series

2700 Series parts guide

Refer to figure 8 and the table below to find the basic chapter you need.

Fig. 8, Table 11

Figure 8 2700 - BEST-Precision wood door concealed vertical rod (CVR) exit device

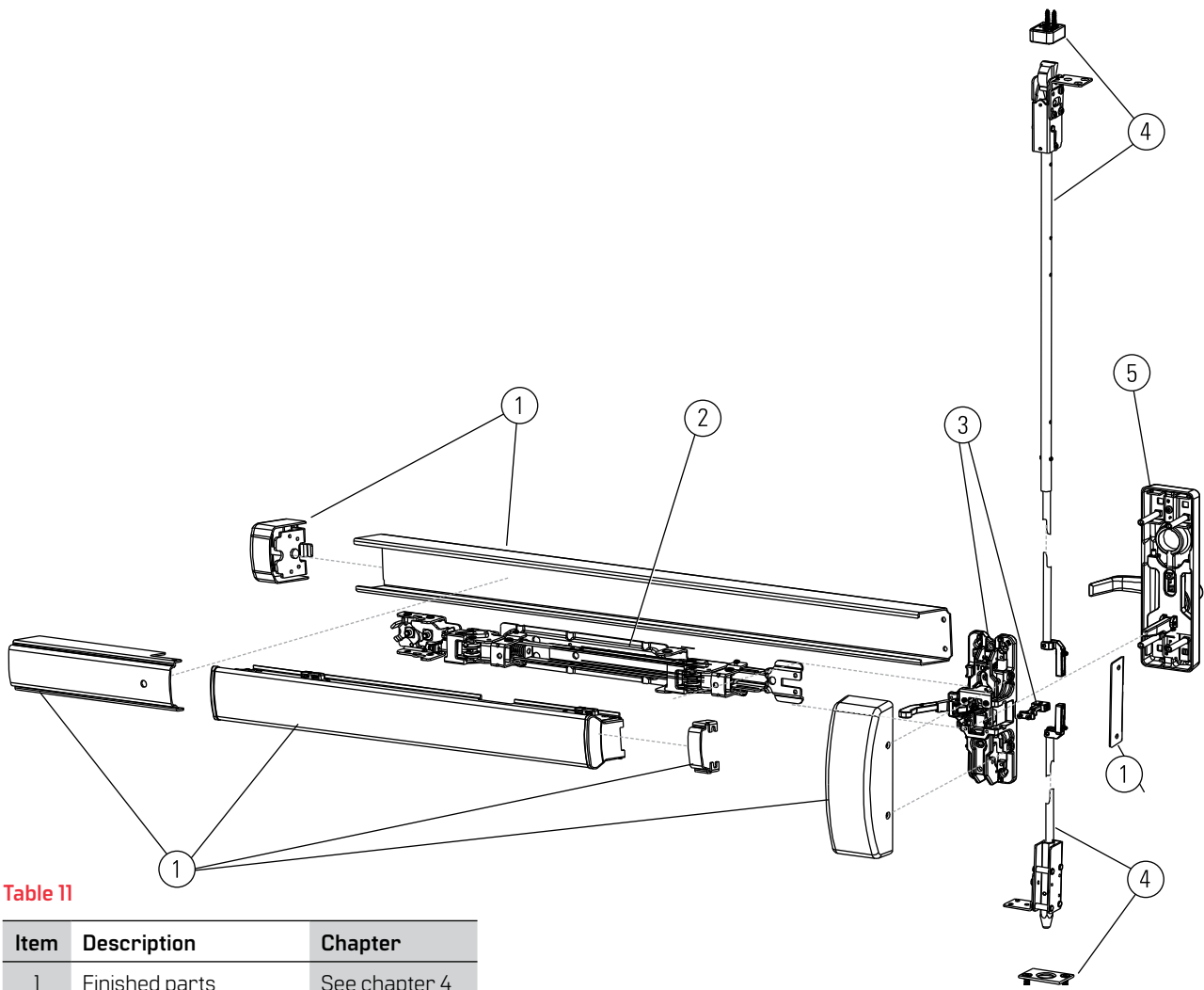


Table 11

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Touchbar mechanisms	See chapter 5
3	Active case assemblies	See chapter 6
4	Strike/latch/rods	See chapter 7
5	Trim	See chapter 3

2.8 2 8 0 0 BEST-Precision concealed vertical rod series

2800 Series parts guide

Refer to figure 9 and the table below to find the basic chapter you need.

Fig. 9, Table 12

Figure 9 2800 BEST-Precision concealed vertical rod (CVR) exit device

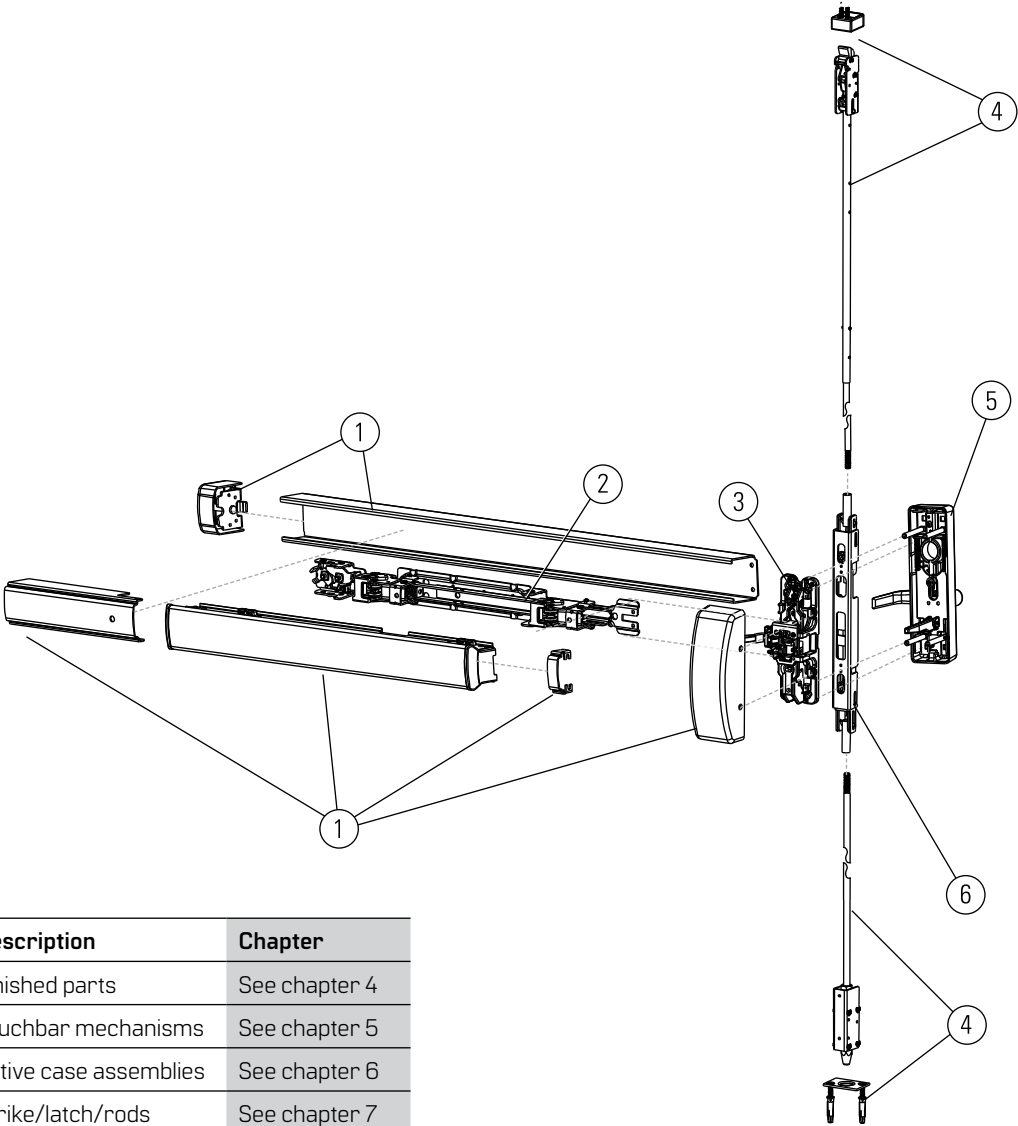


Table 12

Item	Description	Chapter
1	Finished parts	See chapter 4
2	Touchbar mechanisms	See chapter 5
3	Active case assemblies	See chapter 6
4	Strike/latch/rods	See chapter 7
5	Trim	See chapter 3
6	Center case	See chapter 7

2.9 BF2 4 0 0, BF2 6 0 0 BEST-Precision narrow stile

BF2400, BF2600 Series parts guide

Refer to figure 10 and the table below to find the basic chapter you need.

Fig. 10, Table 13

Figure 1 0 BF2400, BF2600 BEST-Precision barrier-free active case and touchbar (narrow stile exit device)

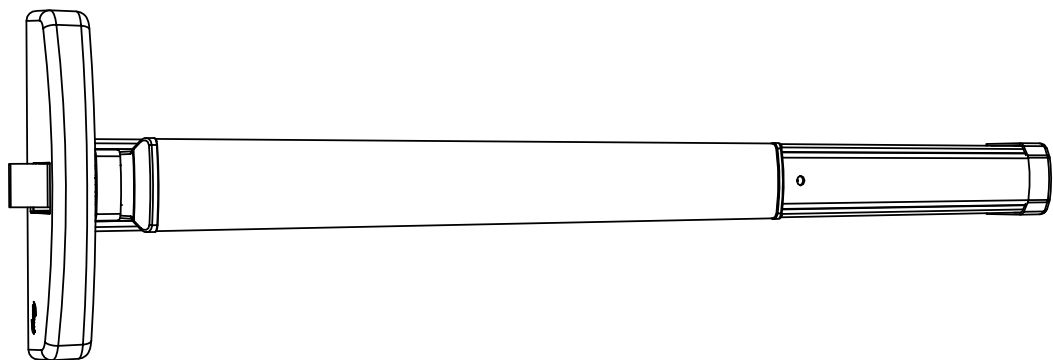


Table 13

Item	Description	Chapter
1	Finished parts	See chapter 4

2.1 0 BF2 1 0 0, BF2 2 0 0, BF2 3 0 0, BF2 7 0 0, BF2 8 0 0 BEST-Precision wide stile

2800 Series parts guide

Refer to figure 11 and the table below to find the basic chapter you need.

Fig. 11, Table 14

Figure 1 1 BF2100, BF2200, BF2300, BF2700, BF2800 BEST-Precision barrier-free active case and touchbar (wide stile exit device)

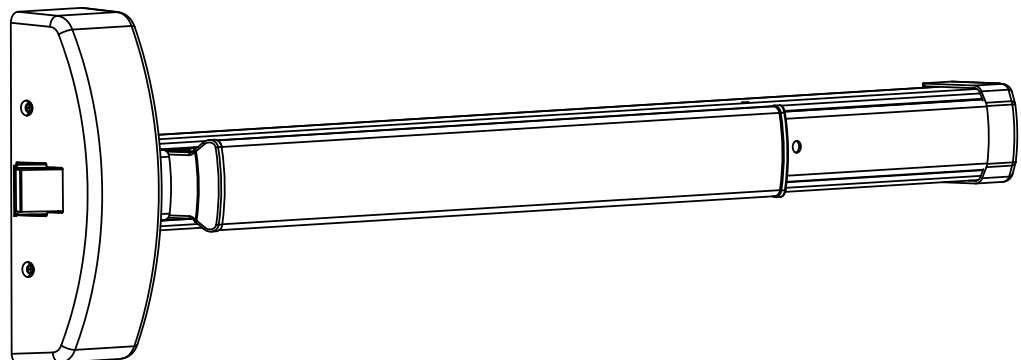


Table 14

Item	Description	Chapter
1	Finished parts	See chapter 4

3 Trim

3.1 Trim components

To order replacement trim components, please note which function your exit device performs, which style lever, knob, or grip you presently have, and what type of finish is on it.

All trim is field reversible. See installation instructions for further details.

Table 15

ANSI function	Description
01	Exit only (cover plate)
02	Dummy trim
03	Key retracts latchbolt
05	Key locks/unlocks thumbpiece
08	Key locks/unlocks lever/knob
10	Double cylinder - inside key locks/unlocks lever/knob
14	No cylinder - lever/knob always active
15	No cylinder - thumbpiece always active

Table 16

ANSI/BHMA	US Code	Description
605	US3	Polished brass, clear coated
606	US4	Satin brass, clear coated
612	US10	Satin bronze, clear coated
613	US10B	Dark oxidized satin bronze
625	US26	Polished chromium plated
626	US26D	Satin chrome plated
628	US28	Satin aluminum, clear anodized
630	US32D	Satin stainless steel

3.2 Basic styles

Wide trim is used with the 2100, 2200, 2300, 2700 and 2800 models of the BEST-Precision 2000 exit device.

The narrow trim is used with the 2400 and 2600 models of the BEST-Precision 2000 exit device.

Table 17

Trim	Wide	Narrow	Lever	Grip
4900	■		■	
2900		■	■	
1700	■			■
2000		■		■
C03	■		Required on 2803 only	

3.3 Cylinder accessories

Fig. 12, Table 18

Figure 12 Cylinder accessories

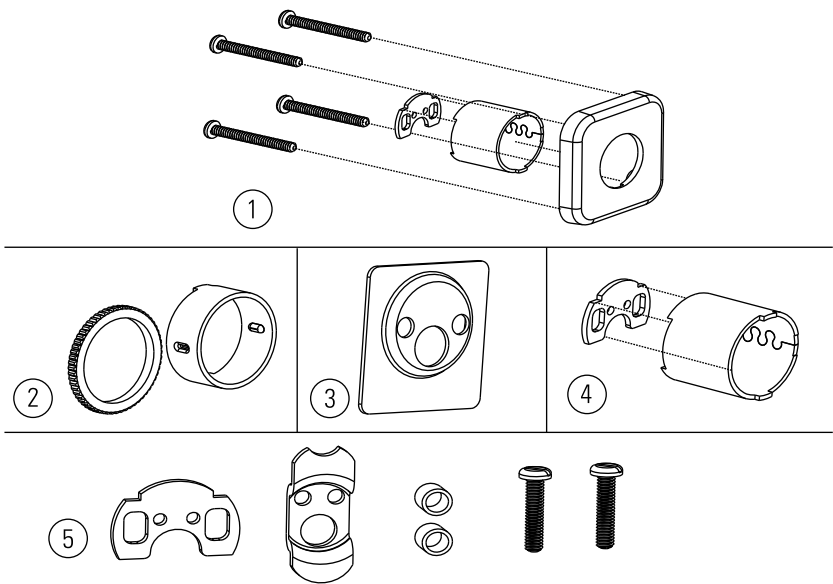


Table 18

Item	Part no.	Description	Qty.	Model
1	02317-04 *	Cast plate C03	1	2803 device
2	02124-09	2908 cylinder attachment CA2809	1	2908 trim
3	01657-54	Cylinder backplate wide CA-03	1	2103, 2203, 2703 devices
4	02122-09	Rim cylinder attachment CA-03T	1	4903, 4908, 1703, 1705, 2003, 2005, 2903, C03 trims
5	02111-09	2403/2603 no trim pack	1	2403, 2603 devices

*Specify finish when ordering these parts.

3.4 4900 Escutcheons

Fig. 13, Table 19

Figure 13 4900 escutcheons

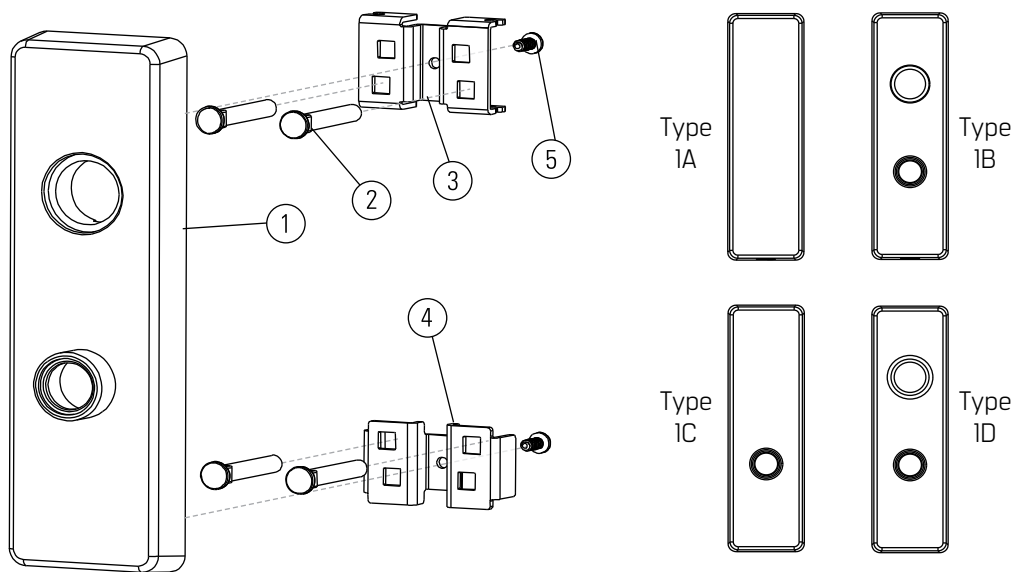


Table 19

Item	Part no.	Description	Qty.	Type	Trim model
1		Escutcheon	1	1A	4901
			1	1B	4903, 4908, V4908
			1	1C	4902, 4914
			1	1D	M4903, M4908, VM4908
2	01960-91	Trim stud, 4900 trim	4		All 4900 models
3	01958-49	Top bracket, 4900	1		All 4900 models
4	01959-49	Bracket, bottom, 4900 trim	1		All 4900 models
5	00509-91	Screw, #10-24 X 1/2 PPHMS	2		All 4900 models

*Specify finish when ordering these parts.

4900 Series trim is used on all 2100, 2200, 2300, 2700 and 2800 models of BEST-Precision Exit Devices..

3.5 4900 Levers

Fig. 14, Table 20

Figure 14 4900 levers

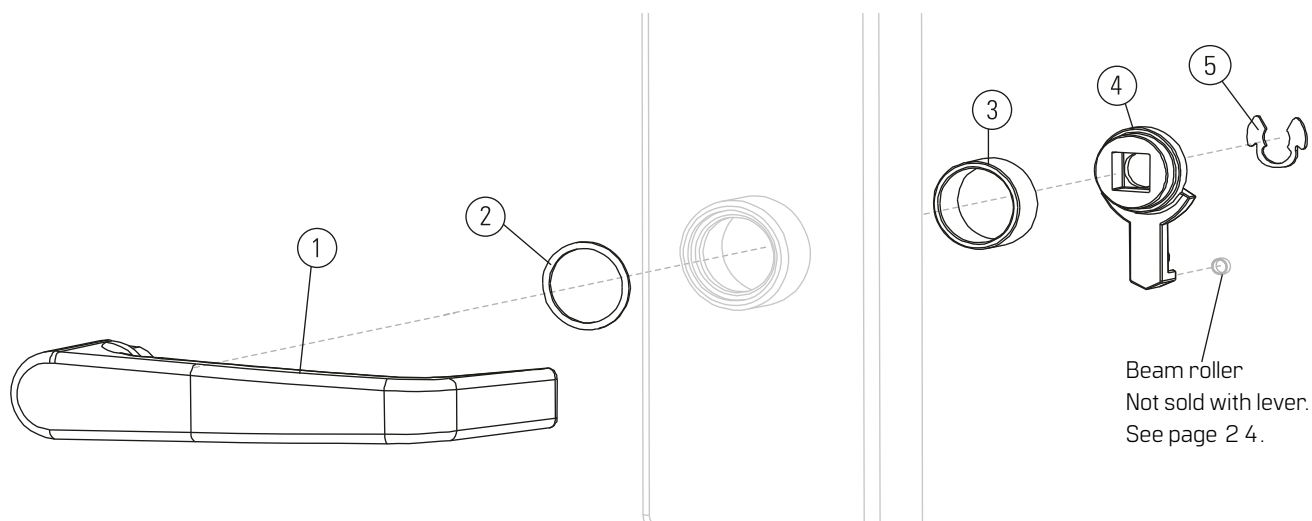
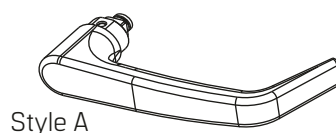
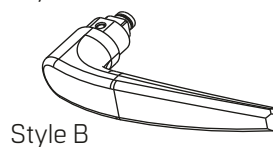
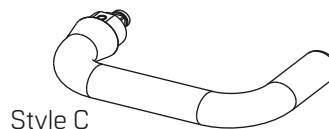
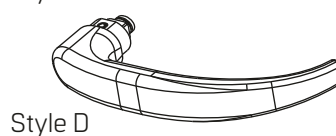


Table 20

Item	Part no.	Description	Qty.	Lever style
	02721-04 *	Complete lever kit		A -RHRB
	02722-04 *			A-LHRB
	02723-04 *			B-RHRB
	02724-04 *			B-LHRB
	02725-04 *			C-RHRB
	02726-04 *			C-LHRB
	02727-04 *			D-RHRB
	02728-04 *			D-LHRB
	02729-04 *			K
1	00646-04 *	Lever	1	A
	00647-04 *		1	B
	00648-04 *		1	C
	00649-04 *		1	D
	00650-04 *		1	K
2	01727-39	Lever washer	1	All
3	01696-39	Trim sleeve bushing	1	All
4	01455-39	Beam	1	All
5	00617-91	Retaining ring	1	All



*Specify finish when ordering these parts.

All trim is field reversible. See installation instructions for further details.

3.6 4900 Yokes and springs

Fig. 15, Table 21

Figure 15 4900 Yoke and standard and barrier-free springs [operational yoke left, vandal yoke right]

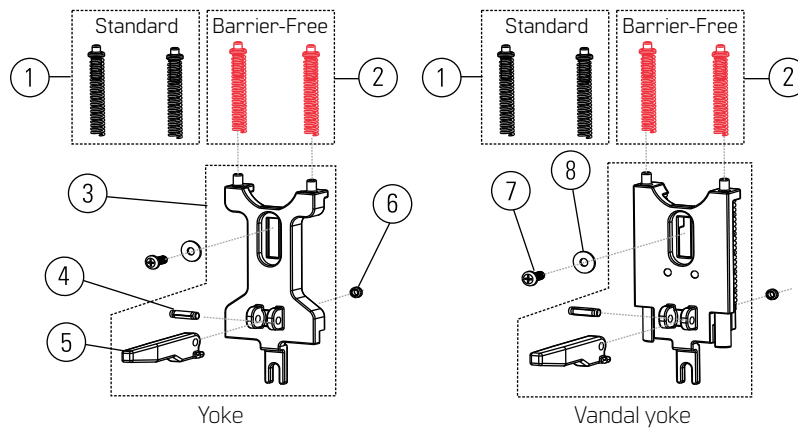


Table 21

Item	Part no.	Description	Qty.	Trim model	Door thickness	
					1¾" to 2¼"	2½" to 4"
	02730-04	Complete yoke kit	1	4908, 4914	■	
	02731-04		1	V4908	■	
	02734-04		1	M4908		
	02744-04		1	4908 extension		■
	02745-04		1	V4908 extension		■
1	02738-04	Complete standard lever spring kit	1	All 4900 yokes		
2	B95972	Complete barrier-free lever spring kit	1	BF	■	
3	01971-04	Yoke assembly	1	4908, 4914	■	
	02181-04		1	V4908	■	
	02740-04		1	M4908	■	
	02183-04		1	MV4908	■	
	02741-04		1	MV4908	■	
	02742-04		1	4908 extension		■
	02743-04		1	V4908 extension		■
4	00671-90	Groove pin, .188" x .75"	1	All 4900 yokes		
5		Trim finger	1	4908, V4908, 4914	■	
	01977-04		1	Extension yokes	■	■
			1	M4908, MV4908		
6	01456-39	Beam roller	1	All 4900 yokes		
7	00509-91	Screw, #10-24 x 1/2 PPHMS	1	All 4900 yokes		
8	01520-91	Washer, #10 flat	1	All 4900 yokes		

3.7 2000 Trim

Fig. 16, Table 22

Figure 16 2000 Escutcheon and grip

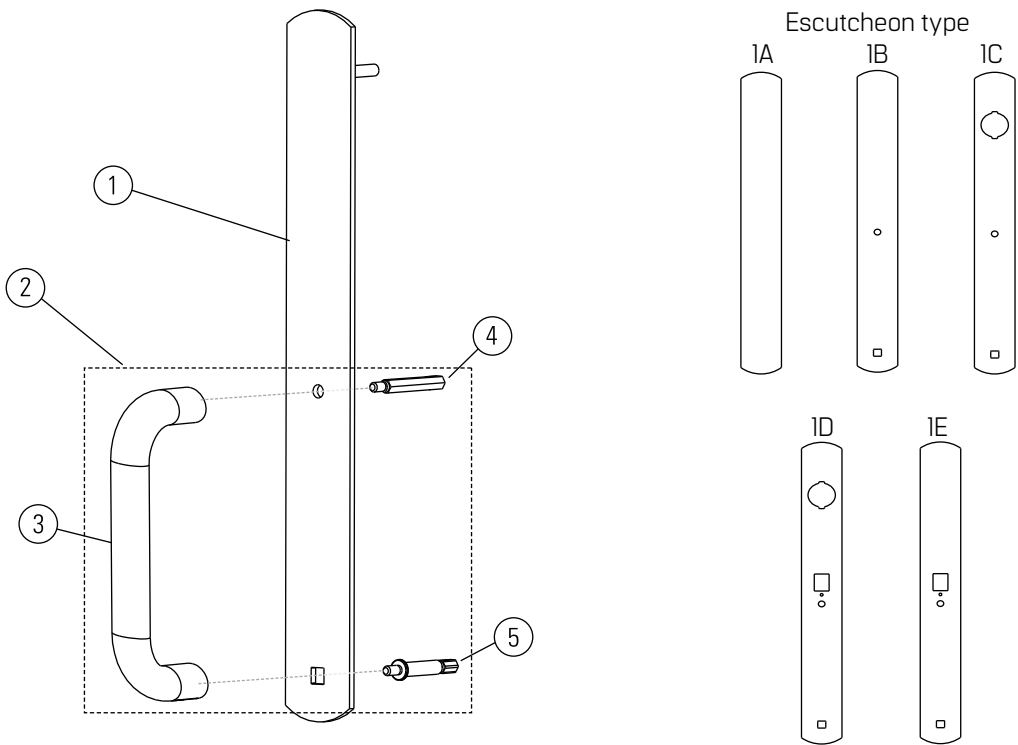


Table 22

Item	Part no.	Description	Qty.	Trim model	Escutcheon type
1		2000 Escutcheon	1	2001	1A
			1	2002	1B
			1	2003	1C
			1	2005	1D
			1	2015	1E
2	01362-04 *	Grip C kit (includes items 3, 4, 5)	1	2000	
3	00324-54 *	C grip	1		
4	00233-50	Stud, hex	1		
5	00222-50	Stud, trim	1		

*Specify finish when ordering these parts.

The 2000 Trim is used standard on all 2400 models of BEST-Precision Exit Devices with pull trim, and optional on the 2100, 2200, 2300 and 2700.

3.8 2900 Escutcheons

Fig. 17, Table 23

Figure 17 2900 escutcheons

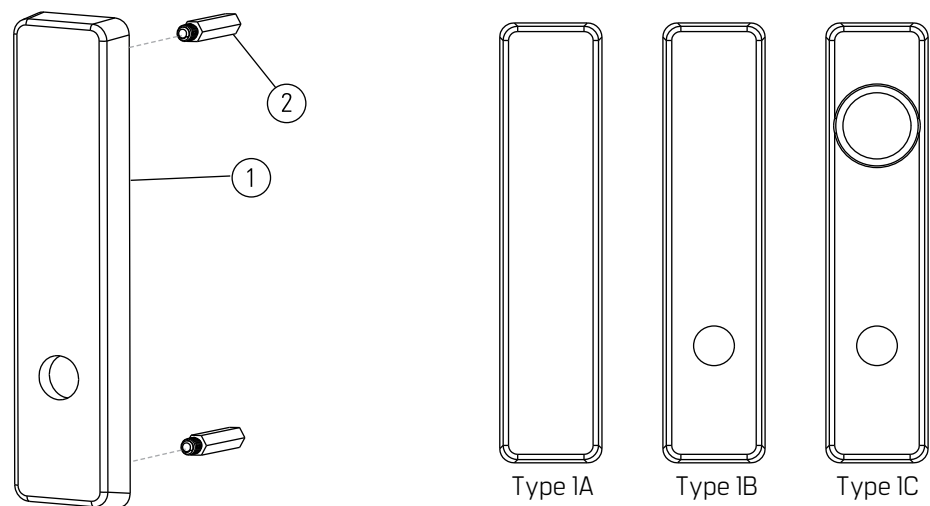


Table 23

Item	Part no.	Description	Qty.	Type	Trim model
1		Escutcheon	1	1A	2901
			1	1B	2902, 2914
			1	1C	2903, 2908
2	02086-29	Hex stud, 2900 trim	2		All 2900 models

*Specify finish when ordering these parts.
The 2900 Trim is used standard on all 2400 and 2600 models of BEST-Precision Exit Devices specified with lever trim.

3.9 2900 Levers

Fig. 18, Table 24

Figure 18 2900 levers

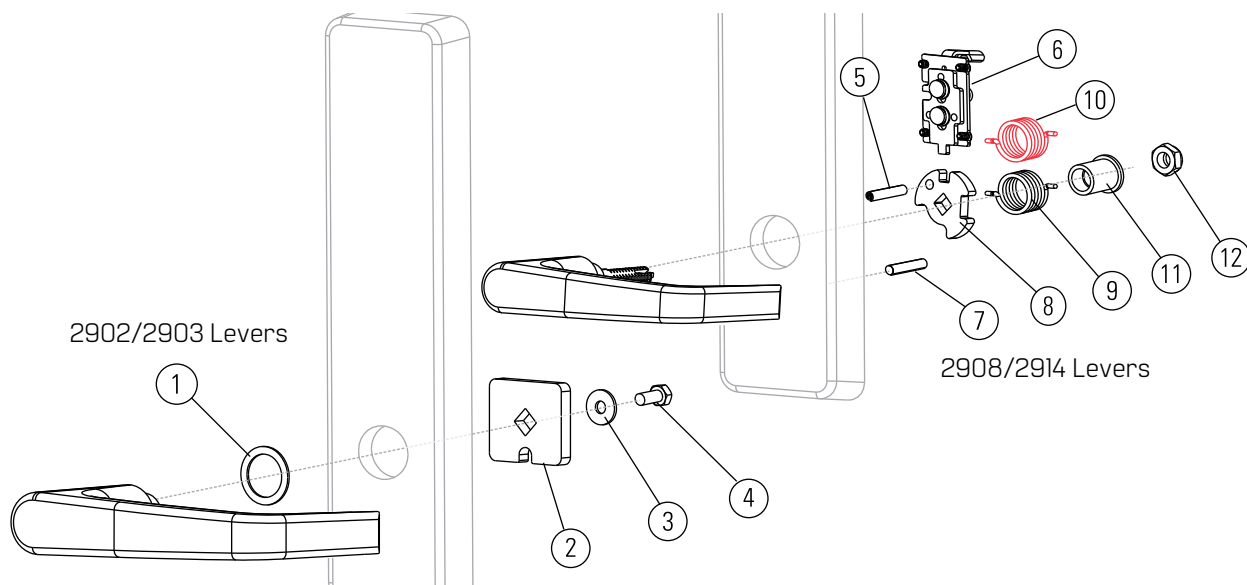


Table 24

Item	Part no.	Description	Qty.	Trim model	Lever style	Hand	
						RHRB	LHRB
	02826-04 *	Complete lever kit		2902, 2903	A	■	
	02827-04 *			2902, 2903	A		■
	02828-04 *			2902, 2903	B	■	
	02829-04 *			2902, 2903	B		■
	02830-04 *			2902, 2903	C	■	
	02831-04 *			2902, 2903	C		■
	02832-04 *			2902, 2903	D	■	
	02833-04 *			2902, 2903	D		■
	02834-04 *			2908, 2914	A	■	
	02835-04 *			2908, 2914	A		■
	02836-04 *			2908, 2914	B	■	
	02837-04 *			2908, 2914	B		■
	02838-04 *			2908, 2914	C	■	
	02839-04 *			2908, 2914	C		■
	02840-04 *			2908, 2914	D	■	
	02841-04 *			2908, 2914	D		■

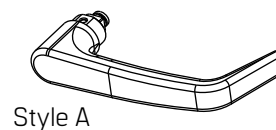
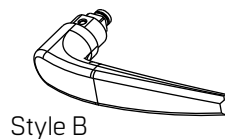
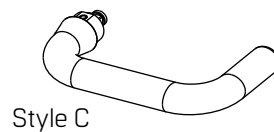
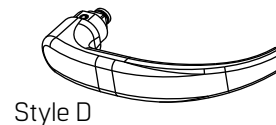


Table 24 (continued)

						Hand	
Item	Part no.	Description	Qty.	Trim model	Lever style	RHRB	LHRB
1	01567-91	Washer, delrin .695" ID x 1.00" OD	1	2902, 2903	All		
2	01568-29	Lever lock	1	2902, 2903	All		
3	01520-91	Washer, #10 flat	1	2902, 2903	All		
4	01608-91	Screw, #10-24 x 3/8 hex head machine	1	2902, 2903	All		
5	01627-90	Spiral pin, 3/16" x 3/4"	1	2908, 2914	All		
6	01578-04	2908 mechanism	1	2908 only			
7	00382-90	Roll pin, 1/8" x 7/8"	1	2908, 2914	All		
8	01565-29	Lock out ring, 2900 trim	1	2908, 2914	All		
9	01575-89	Spring, torsion, 2900 trim	1	2908, 2914	A, B, D		
	01586-89		1	2908, 2914	C		
10	B96482	Spring, torsion, 2900BF trim	1	2908, 2914	A, B, D		
11	01587-29	Mandrel	1	2908, 2914	All		
12	01625-91	Nut, hex 3/8-24 W/nylon	1	2908, 2914	All		

*Specify finish when ordering these parts.

All trim is field reversible. See installation instructions for details.

3.10 1700 Trim

Fig. 19, Table 25

Figure 19 1700 Escutcheon and grip

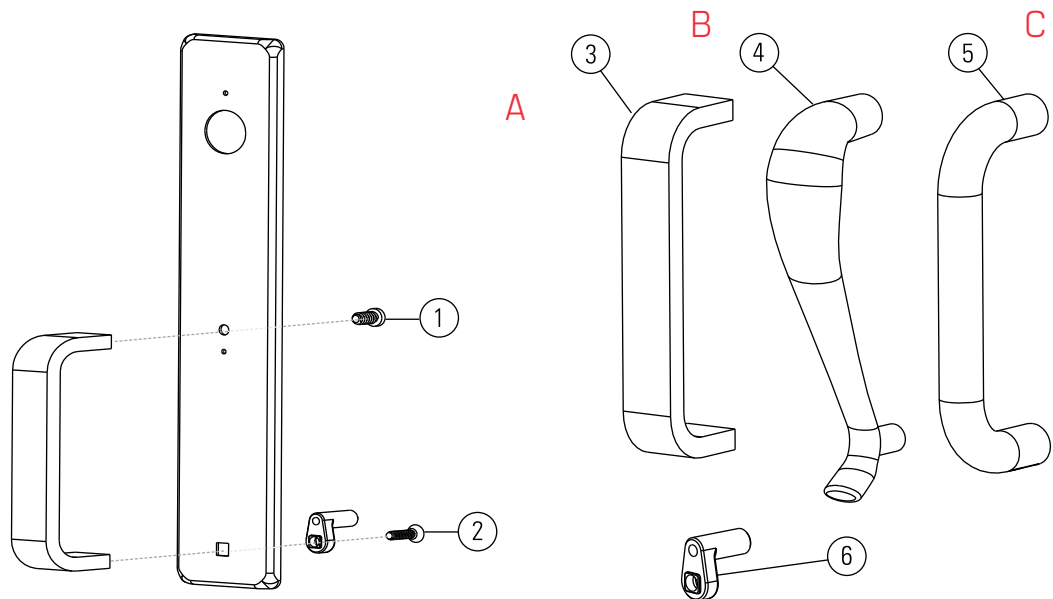


Table 25

					Grip style		
Item	Part no.	Description	Qty.	Trim model	A	B	C
1	00334-91	1/4-20 X 1/2 PPHMS	1	1701			
2	00944-91	1/4-20 X 3/4 PUFHMS	1	1700	■	■	■
3	00323-54 *	A grip	1		■		
4	00322-54 *	B grip	1			■	
5	00324-54 *	C grip	1				■
6	00954-54	Trim stud	1		■		■

*Specify finish when ordering these parts.

1700 Series Trim is used on all 2100, 2200, 2300, 2700 and 2800 models of BEST-Precision Exit Devices.

4 Finished parts

4.1 Finished parts overview

To order replacement trim components, please note which function your exit device performs, and what type of finish is on it

Table 26

ANSI function	Description
01	Exit only (cover plate)
02	Dummy trim
03	Key retracts latchbolt
05	Key locks/unlocks thumbpiece
08	Key locks/unlocks lever/knob
10	Double cylinder - inside key locks/unlocks lever
14	No cylinder - lever/knob always active
15	No cylinder - thumbpiece always active

Table 27

ANSI/BHMA	US code	Description
605	US3	Polished brass, clear coated
606	US4	Satin brass, clear coated
612	US10	Satin bronze, clear coated
613	US10B	Dark oxidized satin bronze
625	US26	Polished chromium plated
626	US26D	Satin chrome plated
628	US28	Satin aluminum, clear anodized
630	US32D	Satin stainless steel

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your dormakaba representative or call direct to **1-800-392-5209**.

4.2 Common finished parts

Fig. 20, Table 28

Figure 20 Overview of common finished parts

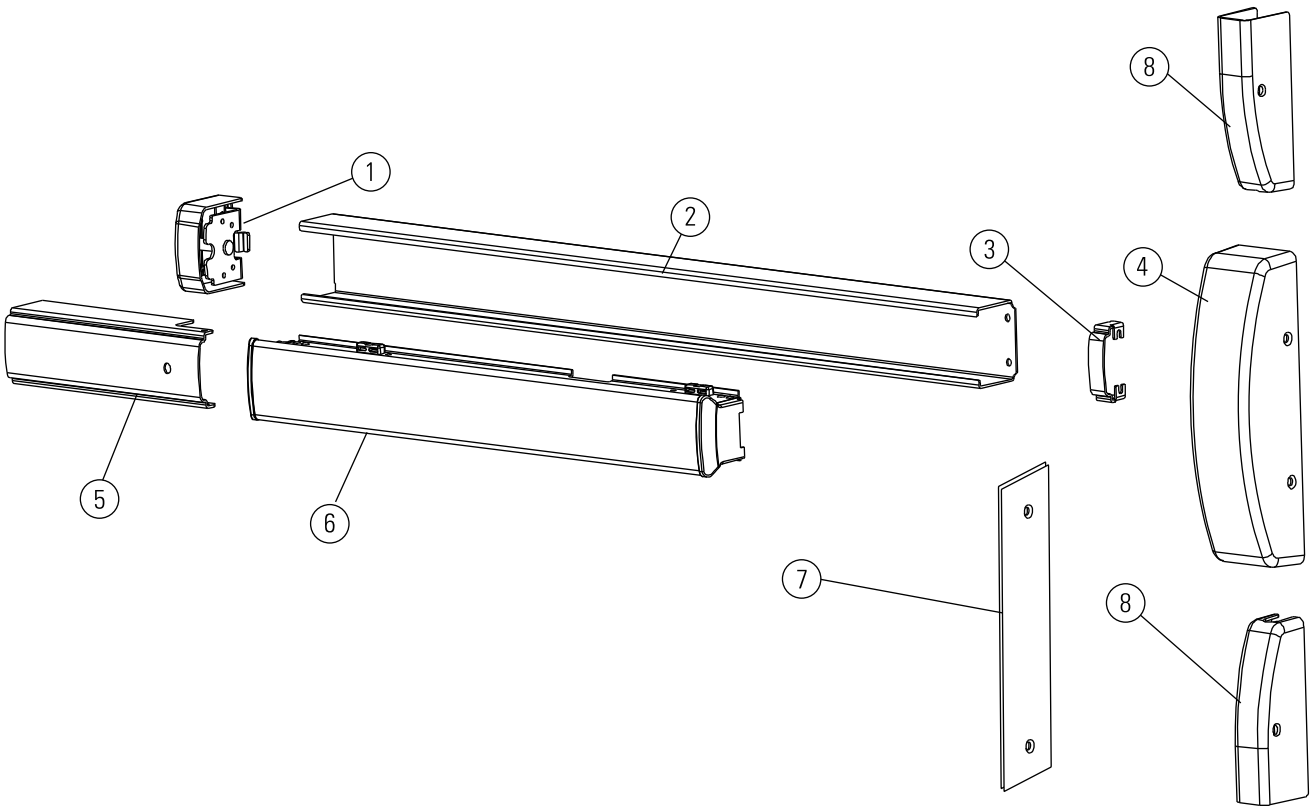


Table 28

Item	Part no.	Description	Qty.
1	See page 32.	Endcap device	1
2	See page 33.	Device channel	1
3	02306-01*	Lock side filler kit (includes hardware)	1
4	See page 36.	Active case cover	1
5	See page 34.	Hinge filler	1
6	See page 33.	Touchpad sub-assembly	1
7	03244-09*	Lock front filler kit 2700 (includes hardware)	1
8	01011-03*	Latch cover kit (includes hardware)	2

*Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your dormakaba representative or call direct to **1-800-392-5209**.

4.3 Endcaps

Fig. 21, Table 29

Figure 21 Endcaps

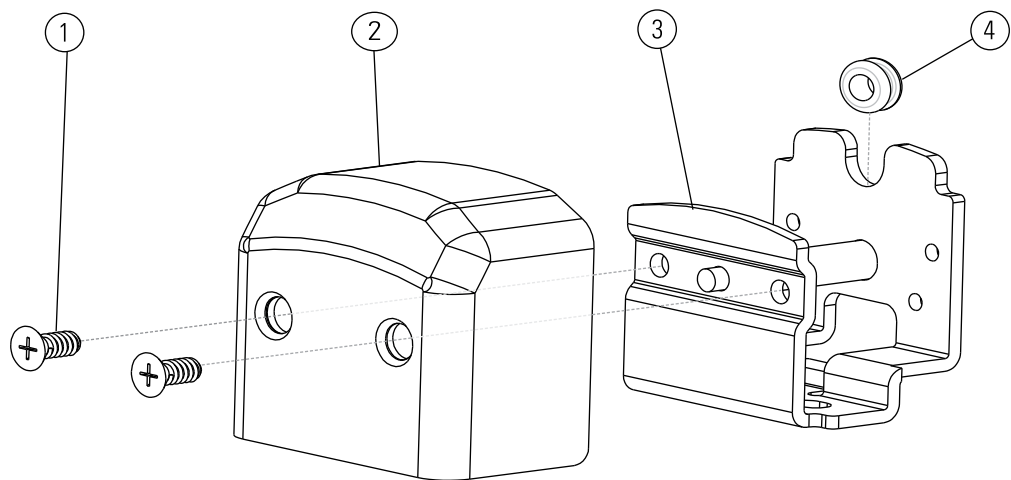


Table 29

Item	Part no.	Description	Qty.	Used on		
				Wide	Narrow	Electric
1	00775-02*	Endcap device (includes cover, bracket and hardware)	1	■		
	00777-02*		1		■	
	03304-02*		1	■		■
	03305-02*		1		■	■
	02104-09*	Screw pack, endcap screws (2 screws)	1	■	■	■
2	00270-52*	Endcap cover	1	■		
	00149-52*		1		■	
3	00305-02	Endcap mounting bracket	1	■		
	00591-02		1		■	
4	01723-56	Grommet (electric only)	1	■	■	■

*Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your dormakaba representative or call direct to **1-800-392-5209**.

4.4 Endcaps, channels and touchpads

Fig. 22, Table 30

Figure 22 Endcaps, channels and touchpads

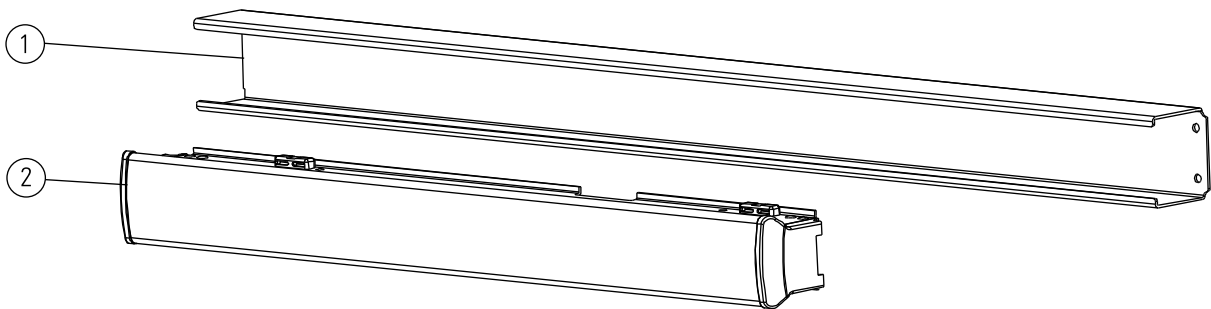


Table 30

Item	Part no.	Description	Qty.	Wide	Narrow	2' 6 "	3'	4'
1	00120-52	Device channel	1	■			■	
	00121-52		1	■		■		
	00122-52		1	■				■
	00128-52		1		■		■	
	00130-52		1		■			■
2	00157-02	Touchpad sub-assembly	1	■	■		■	
	00158-02		1	■		■		
	00159-02		1	■	■			■

Specify finish when ordering these parts.

4.5 Hinge fillers

Fig. 23, Table 31

Figure 23 Basic hinge filler styles

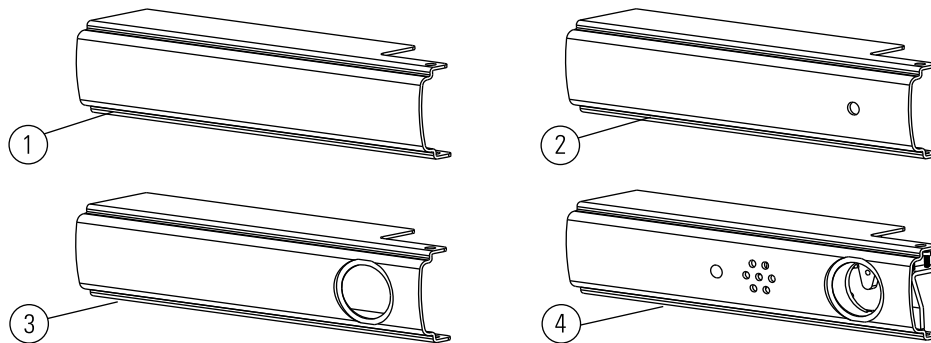


Table 31

Item	Part no.	Description	Qty.	Wide	Narrow	2' 6"	3'	4'
1	00236-52*	Plain hinge filler	1	■		■	■	
	00237-52*		1	■				■
	00238-52*		1		■		■	
	00239-52*		1		■			■
2	00240-52*	Hex hinge filler	1	■				
	00241-52*		1	■		■	■	
	00242-52*		1		■		■	
	00243-52*		1		■			■
3	00489-02*	CD hinge filler [includes hardware]	1	■		■	■	
	00490-02*		1	■				■
	00929-02*		1		■		■	
	00930-02*		1		■			■
4	00491-06*	Alarm - ALK filler [includes alarm and hardware]	1	■		■	■	
	00492-06*		1	■				■
	00586-06*		1		■		■	
	00587-06*		1		■			■
	00493-06*	Alarm - ALW filler [includes alarm and hardware]	1	■		■	■	
	00494-06*		1	■				■
	00588-06*		1		■		■	
	00589-06*		1		■			■
Not shown	00220-93	Dogging key [optional]	1	■	■	■	■	■
	02105-09	Cylinder dogging attachment kit [includes collar, cylinder locating washer, and lock nut]	1	■	■	■	■	■

*Specify finish when ordering these parts.

4.6 Alarm hinge fillers

Fig. 24, Fig. 25, Table 32, Table 33

Figure 24 Alarm hinge filler parts

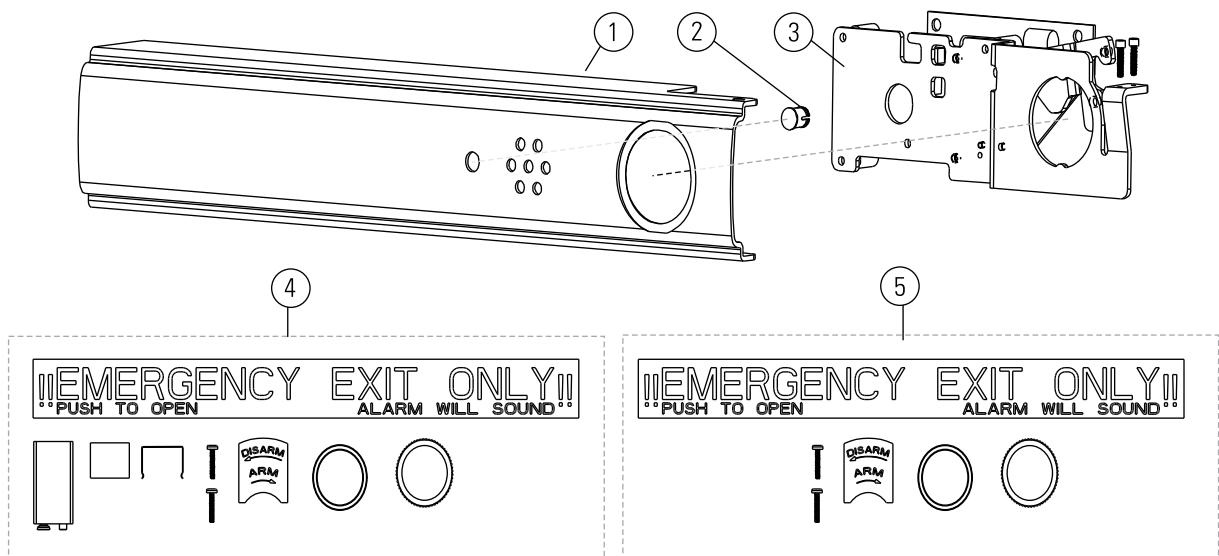


Table 32

Item	Part no.	Description	Qty.	ALK	ALW
1	00248-52*	Hinge filler for 00491-06	1	■	
	00249-52*	Hinge filler for 00492-06	1	■	
	00250-52*	Hinge filler for 00586-06	1	■	
	00251-52*	Hinge filler for 00587-06	1	■	
	00249-52*	Hinge filler for 00494-06	1		■
	00248-52*	Hinge filler for 00493-06	1		■
	00250-52*	Hinge filler for 00588-06	1		■
	00251-52*	Hinge filler for 00589-06	1		■
2	01460-56	Lens, LED	1	■	■
3	00699-06	Alarm chassis assembly	1	■	
	00899-06	Alarm chassis assembly	1		■
4	02310-09*	Hardware pack	1	■	
5	02309-09*	Hardware pack	1		■

*Specify finish when ordering these parts.

Figure 25 Labels



Table 33

Item	Part no.	Description	Qty.
1	00872-92	"Emergency Exit Only" label	1
2	00672-92	"Arm/Disarm" label	1

4.7 Active case covers

Fig. 26, Table 34

Figure 26 Active case covers

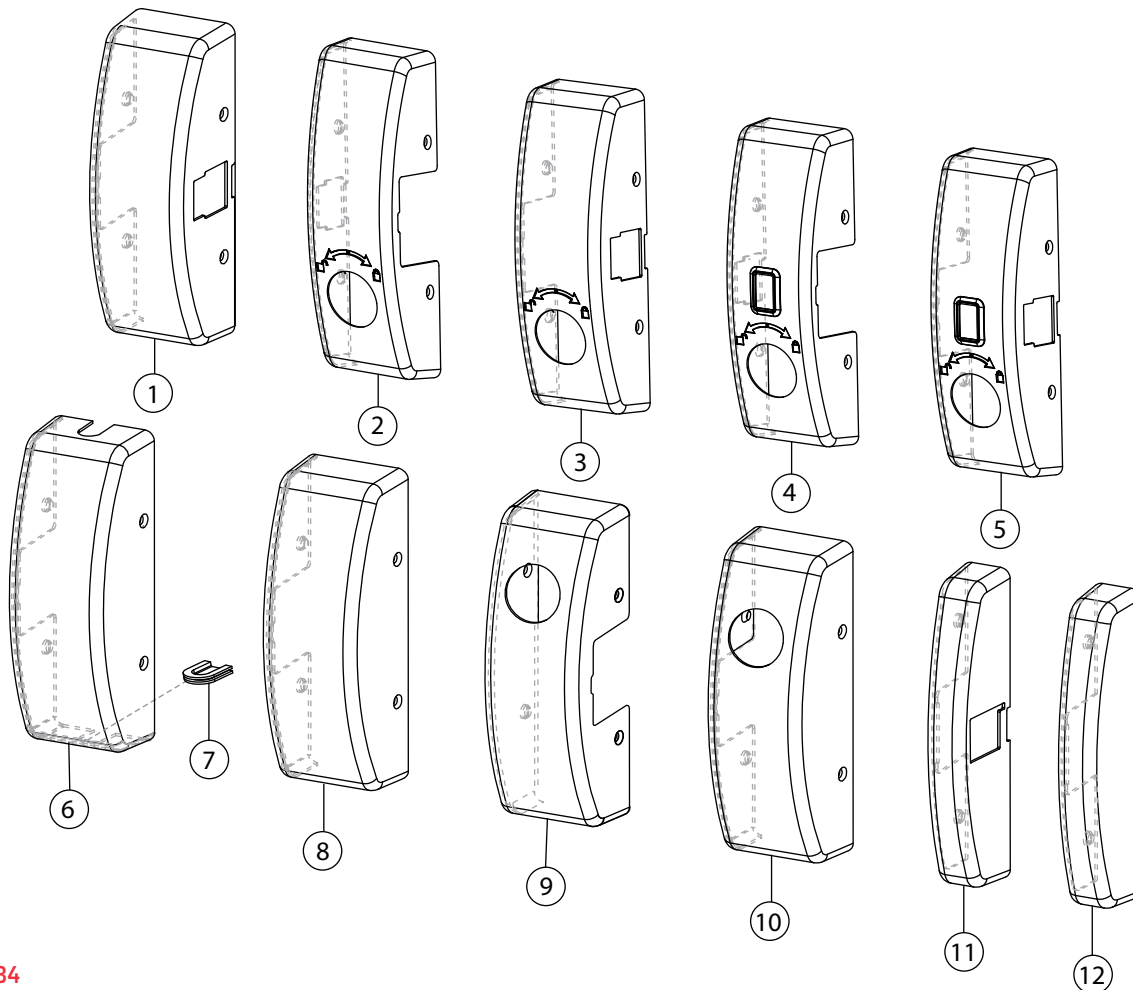


Table 34

Item	Part no.	Description	Qty.
1	02281-01	2100 Cover kit	1
2	02285-01	2110 LHRB cover kit	1
3	02283-01	2110 RHRB cover kit	1
4	07176-01	2110VI LHRB cover kit	1
5	07179-01	2110VI RHRB cover kit	1
6	02287-01	2200 Cover kit	1
7	05124-51	LBR cover plug	1
8	02464-01	2300, 2700, 2800 Cover kit	1
9	02468-01	2310 LHRB cover kit	1
10	02466-01	2310 RHRB cover kit	1
11	02470-01	2400 Cover kit	1
12	02472-01	2600 Cover kit	1

*Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your dormakaba representative or call direct to 1-800-392-5209.

5 Touchbar mechanisms

This chapter provides diagrams and part numbers for the components of various touchbar mechanisms associated with BEST-Precision 2000 Exit Devices. Please read through all the options to ensure you select the proper part for your unit.

5.1 Spring touchbar components

Fig. 27, Table 35

Figure 27 Spring type mechanism

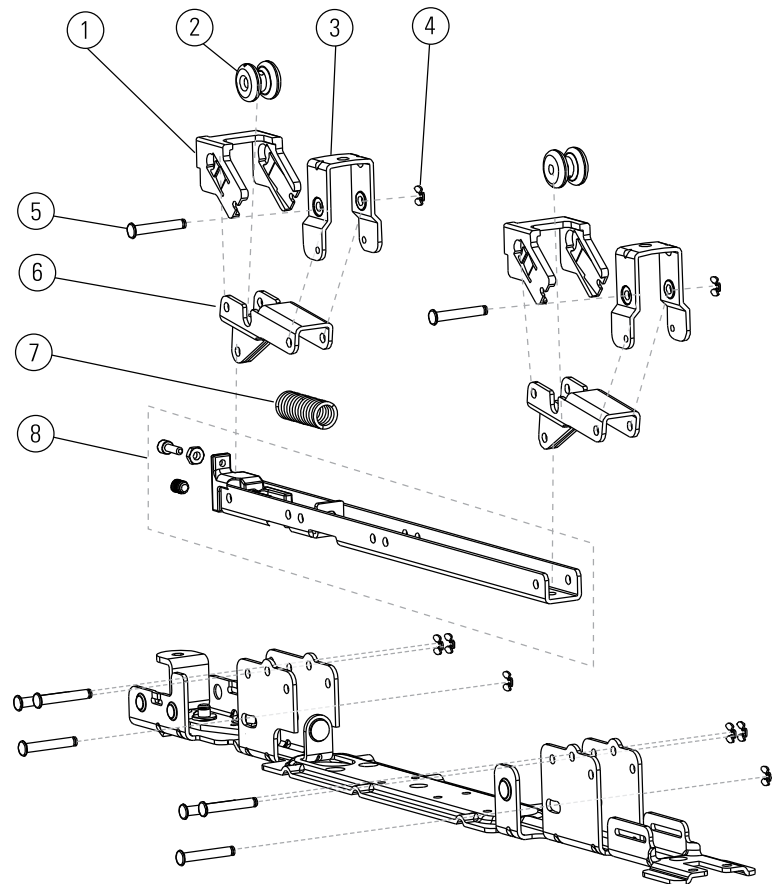


Table 35

Item	Part no.	Description	Qty.	Door width			Dogging type		
				2' 6"	3'	4'	Hex	CD	FL
	00163-02	Complete touchbar mechanism			■		■		
	00164-02				■				■
	00165-02				■			■	
	00166-02			■			■		
	00167-02			■					■
	00168-02			■				■	
	00169-02					■	■		
	00170-02					■			■
	00171-02					■		■	

Table 35 (continued)

Item	Part no.	Description	Qty.	Door width			Dogging type		
				2' 6"	3'	4'	Hex	CD	FL
1	02130-52	Touchbar guide	2	■	■	■	■	■	■
2	00110-52	Bumper	2	■	■	■	■	■	■
3	00108-52	Bracket, touchbar	2	■	■	■	■	■	■
4	00228-91	Retaining ring	8	■	■	■	■	■	■
5	00449-90	Pin, pivot	8	■	■	■	■	■	■
6	00111-52	Beam	2	■	■	■	■	■	■
7	00131-89	Spring, touchbar	1	■	■	■	■	■	■
8	00703-02	Dogging channel assembly	1	■			■	■	■
	00702-02		1		■		■	■	■
	00701-02		1			■	■	■	■

NOTE: Fire rated equipment may never be mechanically dogged.

If you need replacements for units rated for hurricane compliance (HC) or delayed egress (DE), contact your dormakaba representative or call direct to **1-800-392-5209**.

5.2 Solenoid (ELR) touchbar components

Fig. 28, Table 36

Figure 28 ELR touchbar mechanism

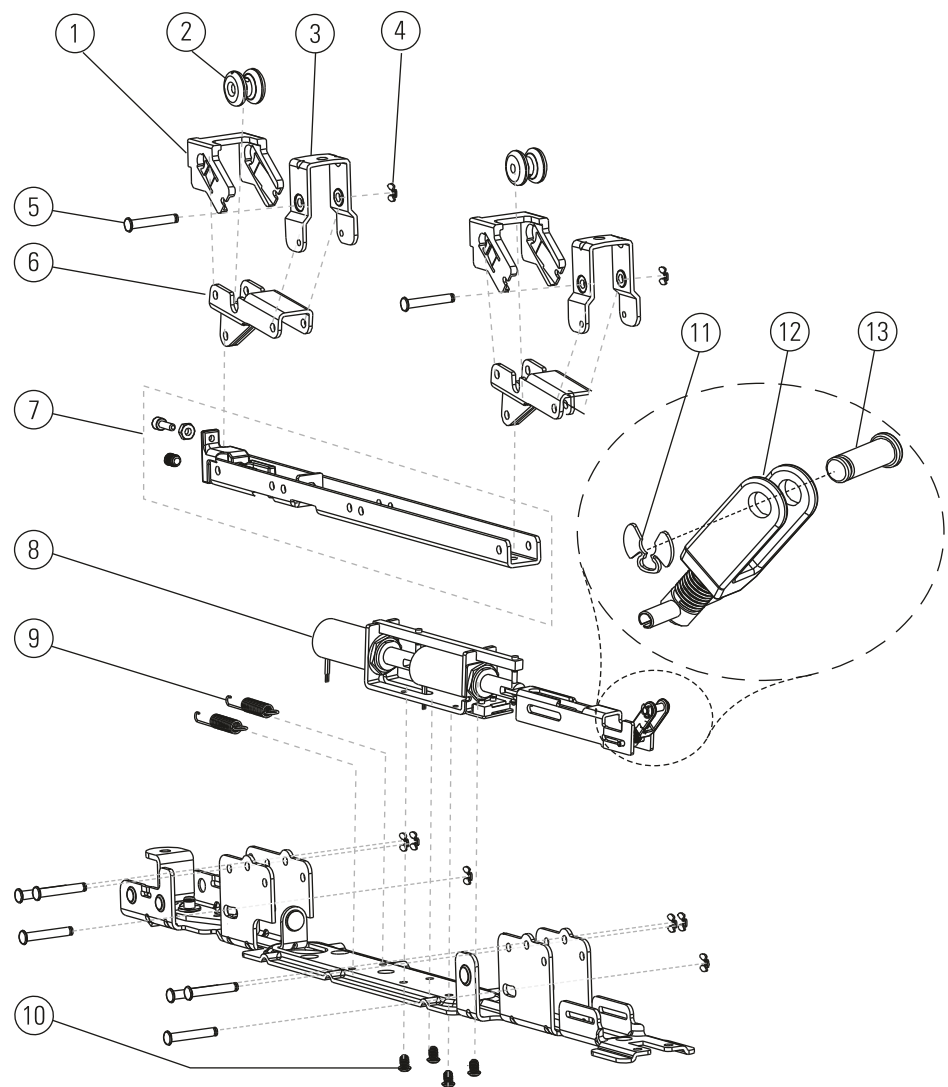


Table 36

Item	Part no.	Description	Qty.	Stile		Door width		Dogging type		
				Wide	NAR	3'	4'	Hex	CD	FL
	00172-02	ELR complete touchbar mechanism		■		■		■		
	00173-02			■		■				■
	00174-02			■		■			■	
	00175-02			■			■	■		
	00176-02			■			■			■
	00177-02			■			■		■	
	00892-02				■	■		■		
	00893-02				■	■				■

Table 36 (continued)

Item	Part no.	Description	Qty.	Stile		Door width		Dogging type		
				Wide	NAR	3'	4'	Hex	CD	FL
	00894-02				■	■			■	
	00895-02				■		■	■		
	00896-02				■		■			■
	00897-02				■		■		■	
1	02130-52	Touchbar guide	2	■	■	■	■	■	■	■
2	00110-52	Bumper	2	■	■	■	■	■	■	■
3	00108-52	Bracket, touchbar	2	■	■	■	■	■	■	■
4	00228-91	Retaining ring	8	■	■	■	■	■	■	■
5	00449-90	Pin, pivot	8	■	■	■	■	■	■	■
6	00111-52	Beam	2	■	■	■	■	■	■	■
7	00915-06	Dogging channel assembly	1	■	■	■		■	■	■
	00916-06		1	■	■		■	■	■	■
8	00525-06	Solenoid/linkage assembly	1	■		■	■	■	■	■
	00639-06		1		■	■	■	■	■	■
9	00844-89	Spring, ELR touchbar	2	■	■	■		■	■	■
	00131-89		1	■	■		■	■	■	■
10	00416-91	Screw, #8-32 x .275	4	■	■	■	■	■	■	■
11	00228-90	Retaining ring, shaft	1	■	■	■	■	■	■	■
12	00681-06	Yoke assembly, ELR	1	■	■	■	■	■	■	■
13	01922-90	Pin, link - ELR	1	■	■	■	■	■	■	■

NOTE: Fire rated equipment may never be mechanically dogged.

If you need replacements for units rated for hurricane compliance (HC) or delayed egress (DE), contact your dormakaba representative or call direct to **1-800-392-5209**.

5.3 Sub-bracket assembly

Fig. 29, Table 37

Figure 29 Sub-bracket assembly for hex and cylinder dogging units only

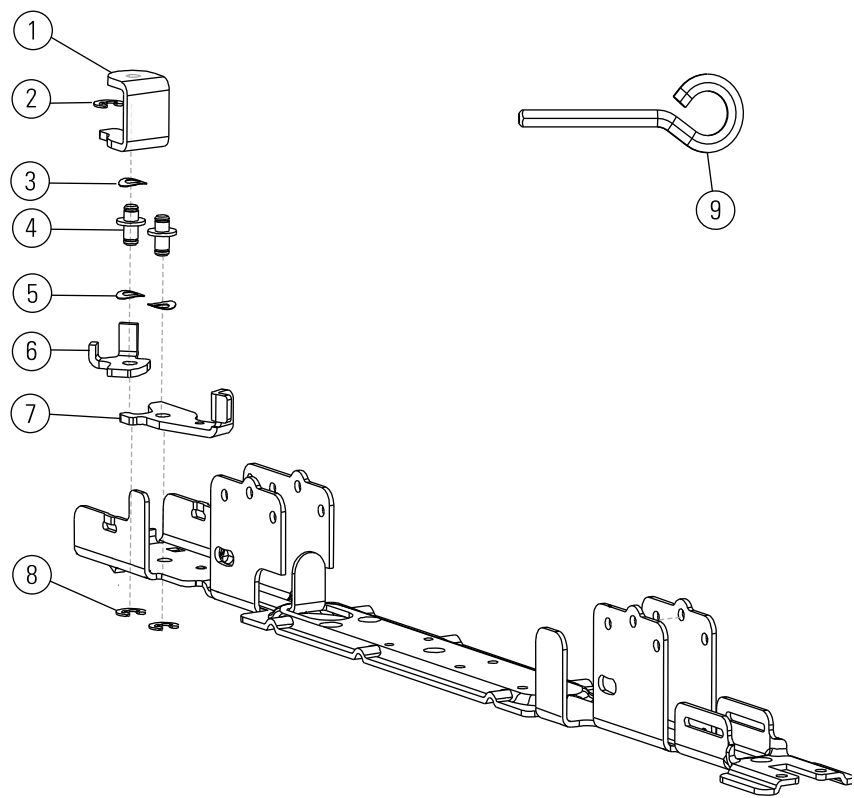


Table 37

Item	Part no.	Description	Qty.	Door width			Dogging type	
				2' 6"	3'	4'	Hex	CD
1	00115-52	Bracket, hex key	1	■	■	■	■	
2	00254-91	E-clip, .250" dia. shaft	1	■	■	■	■	
3	00253-91	1/4" Curved spring washer	1	■	■	■	■	
4	00252-52	Dogging fastener	2	■	■	■	■	■
5	00253-91	1/4" Curved spring washer	2	■	■	■	■	■
6	00116-52	Dogging cam	1	■	■	■	■	■
7	00114-52	Dogging hook	1	■	■	■	■	■
8	00254-91	E-clip, .250" dia. shaft	2	■	■	■	■	■
9	00220-93	Dogging key	1	■	■	■	■	■

NOTE: Fire rated equipment may never be mechanically dogged.

6 Active case assemblies

This chapter provides diagrams and part numbers for the active case (chassis) used on the various BEST-Precision 2000 Exit Devices. Reference the chart on page 42 to find all the correct parts to your active case.

For all backplate assemblies see page 63.

All active case assemblies include the 02306-01 Lock side filler kit. See page 31.

6.1 Complete active case assemblies

Table 38

		Hand		See page										
Assembly	Model description	RHRB	LHRB	44	45	46	47	49	51	52	53	54	Backplate	
00867-01	21 active case assembly	■	■	■									00842-01	
01216-01	21F active case assembly	■	■	■									00842-01	
02570-01	2103 active case assembly		■	■									00369-01	
00335-01		■		■									00369-01	
02571-01	2103F active case assembly		■	■									00369-01	
00339-01		■		■									00369-01	
02582-01	2108 active case assembly		■	■									00832-01	
00336-01		■		■									00832-01	
02583-01	2108F active case assembly		■	■									00832-01	
00340-01		■		■									00832-01	
02594-01	2110 active case assembly		■	■	■								00369-01	
00338-01		■		■	■								00369-01	
02595-01	2110F active case assembly		■	■	■								00369-01	
00342-01		■		■	■								00369-01	
02618-01	22 active case assembly		■			■							00842-01	
01085-01		■				■							00842-01	
02619-01	22LBR active case assembly		■			■							00842-01	
01993-01		■				■							00842-01	
02606-01	2203 active case assembly		■			■							00370-01	
00476-01		■				■							00370-01	
02607-01	2203LBR active case assembly		■			■							00370-01	
00478-01		■				■							00370-01	
02608-01	2208 active case assembly		■			■							00833-01	
00477-01		■				■							00833-01	
02609-01	2208LBR active case assembly		■			■							00833-01	
00479-01		■				■							00833-01	
02610-01	2300 active case assembly		■				■						N/A	
00482-01		■					■						N/A	

Table 38 (continued)

		Hand		See page										
Assembly	Model description	RHRB	LHRB	44	45	46	47	49	51	52	53	54	Backplate	
02611-01	2310 active case assembly (with mortise kit)		■				■	■					N/A	
00483-01		■					■	■					N/A	
00498-01	2400 active case assembly	■	■						■				N/A	
00499-01	2400F active case assembly	■	■						■				N/A	
00500-01	2600 active case assembly	■	■							■			N/A	
02612-01	2703 active case assembly		■								■		00370-01	
00501-01		■									■		00370-01	
02613-01	2708 active case assembly		■								■		00833-01	
00502-01		■									■		00833-01	
02614-01	2803 active case assembly		■									■	00370-01	
00503-01		■										■	00370-01	
02615-01	2808 active case assembly		■									■	00833-01	
00504-01		■										■	00833-01	

6.2 2100 Active case sub-assembly

Fig. 30, Table 39

Figure 30 Basic 2100 active case - RHRB shown

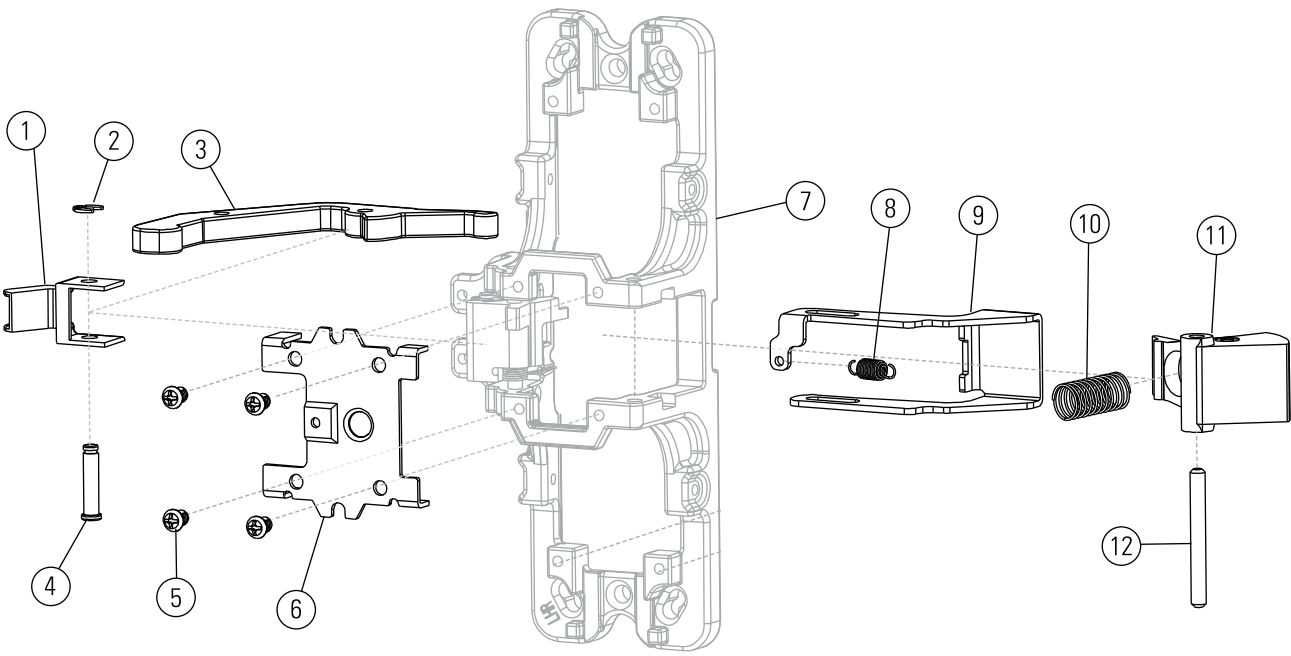


Table 39

Item	Part no.	Description	Qty.	02271-01	02272-01
	02271-01	2100 complete active case sub-assembly			
	02272-01	2100F complete active case sub-assembly			
1	00625-51	Touchbar guard, wide stile	1	■	■
2	00228-91	Retaining ring, shaft	1	■	■
3	00279-51	Touchbar lever	1	■	■
4	00229-90	Pin, pivot, touchbar lever	1	■	■
5	00416-91	Screw, #8-32 x .275	4	■	■
6	00151-51	Top plate	1	■	■
7	N/A	Sold only as the complete assembly	1		
8	00146-89	Spring, deadlock release	1	■	■
9	00284-51	Deadlock release	1	■	■
10	00385-89	Spring, latchbolt	1	■	■
11	00226-51	Latchbolt	1	■	
	00295-01	Fire latchbolt assembly	1		■
12	00154-90	Latchbolt pivot pin, rim	1	■	■

6.3 BF2 1 0 0 Active case sub-assembly

Fig. 31, Table 40

Figure 31 Basic BF2100 active case - LHRB shown

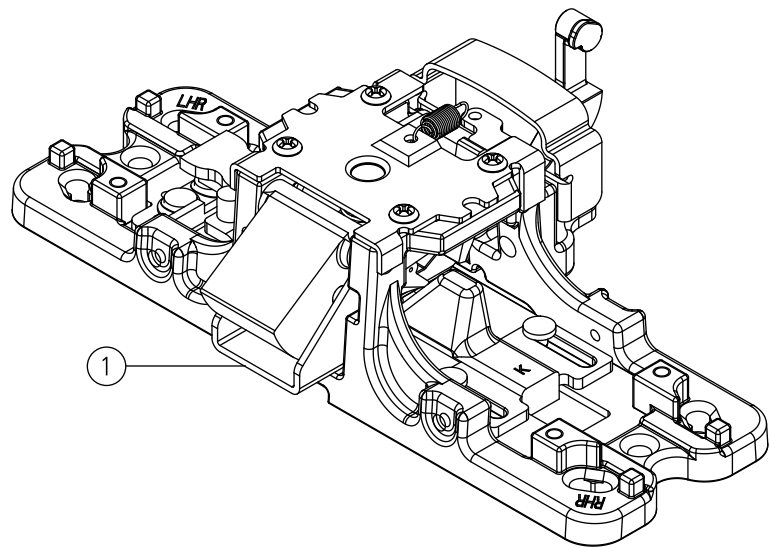


Table 40

Item	Document no.	Description	Qty.
1	D96021-03L	2103 CHASSIS ASSEMBLY LHRB	1
1	D96021-03R	2103 CHASSIS ASSEMBLY RHRB	1
1	D96021-04L	2103F CHASSIS ASSEMBLY LHRB	1
1	D96021-04R	2103F CHASSIS ASSEMBLY RHRB	1
1	D96021-05L	2108 CHASSIS ASSEMBLY LHRB	1
1	D96021-05R	2108 CHASSIS ASSEMBLY RHRB	1
1	D96021-06L	2108F CHASSIS ASSEMBLY LHRB	1
1	D96021-06R	2108F CHASSIS ASSEMBLY RHRB	1
1	D96021-07L	2110 CHASSIS ASSEMBLY LHRB	1
1	D96021-07R	2110 CHASSIS ASSEMBLY RHRB	1
1	D96021-08L	2110F CHASSIS ASSEMBLY LHRB	1
1	D96021-08R	2110F CHASSIS ASSEMBLY RHRB	1
1	D96021-09R	2110VI CHASSIS ASSEMBLY RHRB	1
1	D96021-09L	2110VI CHASSIS ASSEMBLY LHRB	1
1	D96021-10L	2110VIF CHASSIS ASSEMBLY LHRB	1
1	D96021-10R	2110VIF CHASSIS ASSEMBLY RHRB	1

6.4 2110 Auxiliary parts

Fig. 32, Table 41

Figure 32 Auxiliary parts for 2110

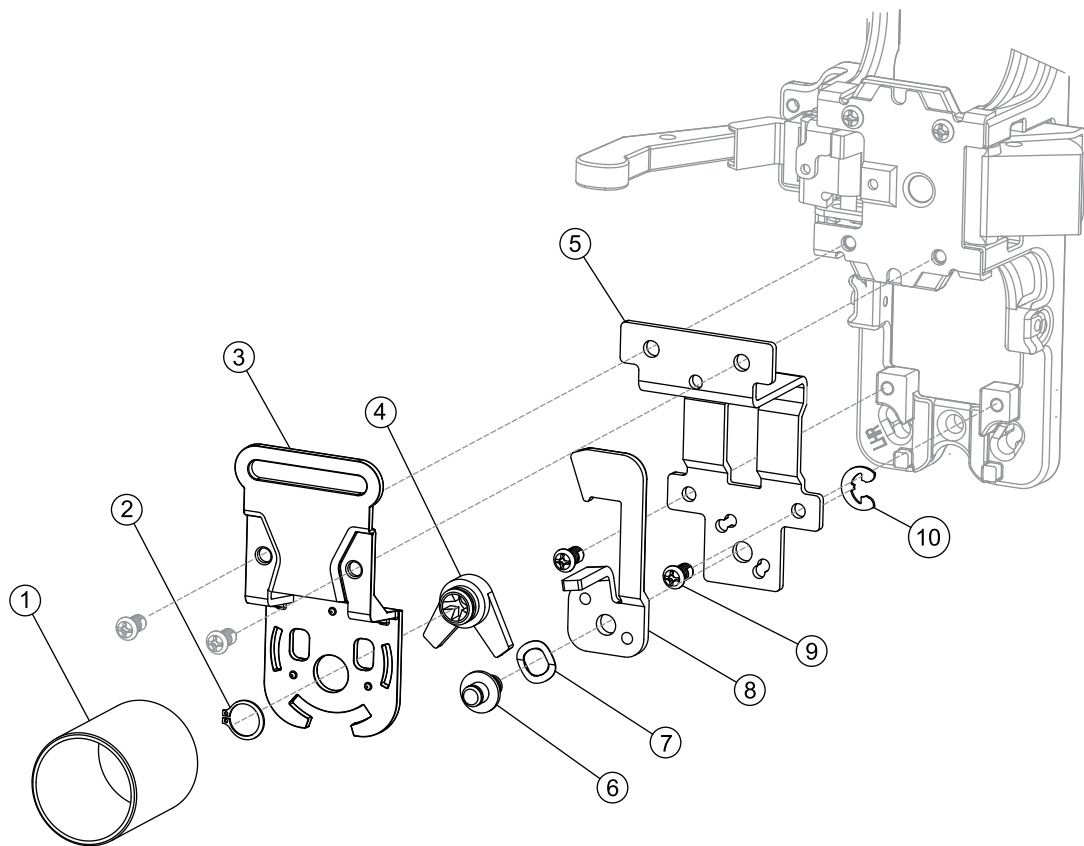


Table 41

Item	Part no.	Description	Qty.
1	00827-51	Cylinder sleeve - 10 function	1
2	00412-91	Retaining ring, .438" shaft	1
3	07177-51	Cylinder bracket - 10, rim	1
4	00825-51	Cylinder cam, 10 function	1
5	00823-51	Locking bracket	1
6	00252-52	Dogging fastener	1
7	01868-91	Washer, wave, .325" ID x .500" OD	1
8	00822-51	Locking arm	1
9	00463-91	Screw, #8-32 x 3/8 PHMS	1
10	00254-91	E-clip, .250" dia. shaft	1
	07196-01	Cylinder assembly 2110 (includes items 2, 3, 4)	1
	00821-01	Trim locking assembly (includes items 6, 7, 8, 10)	1

6.5 2100VI Auxiliary parts

Fig. 33, Table 42

Figure 33 Auxiliary parts for 2110VI

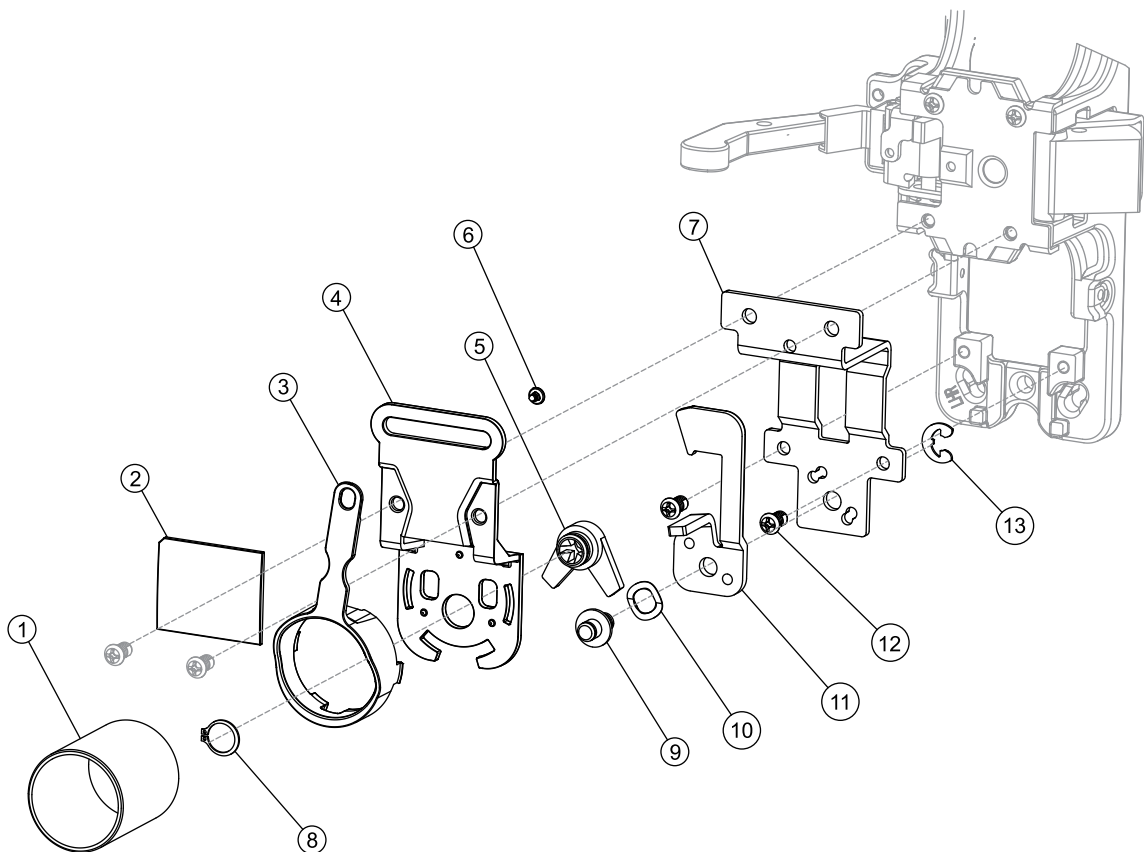


Table 42

Item	Part no.	Description	Qty.
1	00827-51	Cylinder sleeve - 10 function	1
2	07183-51	2110VI indicator flag	1
3	07184-51	2110VI indicator cuff	1
4	07177-51	Cylinder bracket - 10, rim	1
5	00825-51	Cylinder cam - 10 function	1
6	07189-91	Screw, #4-20 x 1/8 thread forming	1
7	00823-51	Locking bracket	1
8	00412-91	Retaining ring, .438" shaft	1
9	00252-52	Dogging fastener	1
10	01868-91	Washer, wave, .325" ID x .500" OD	1
11	00822-51	Locking arm	1
12	00463-91	Screw, #8-32 X 3/8 PHMS	1
13	00254-91	E-clip, .250" dia. shaft	1
	07190-01	Cylinder assembly, 2110VI [includes items 2, 3, 4, 5, 6, 8]	1
	00821-01	Trim locking assembly [includes items 6, 7, 8, 10]	1

6.6 2200 Active case sub-assembly

Fig. 34, Table 43

Figure 34 Basic active case for a wide surface vertical rod model - RHRB shown

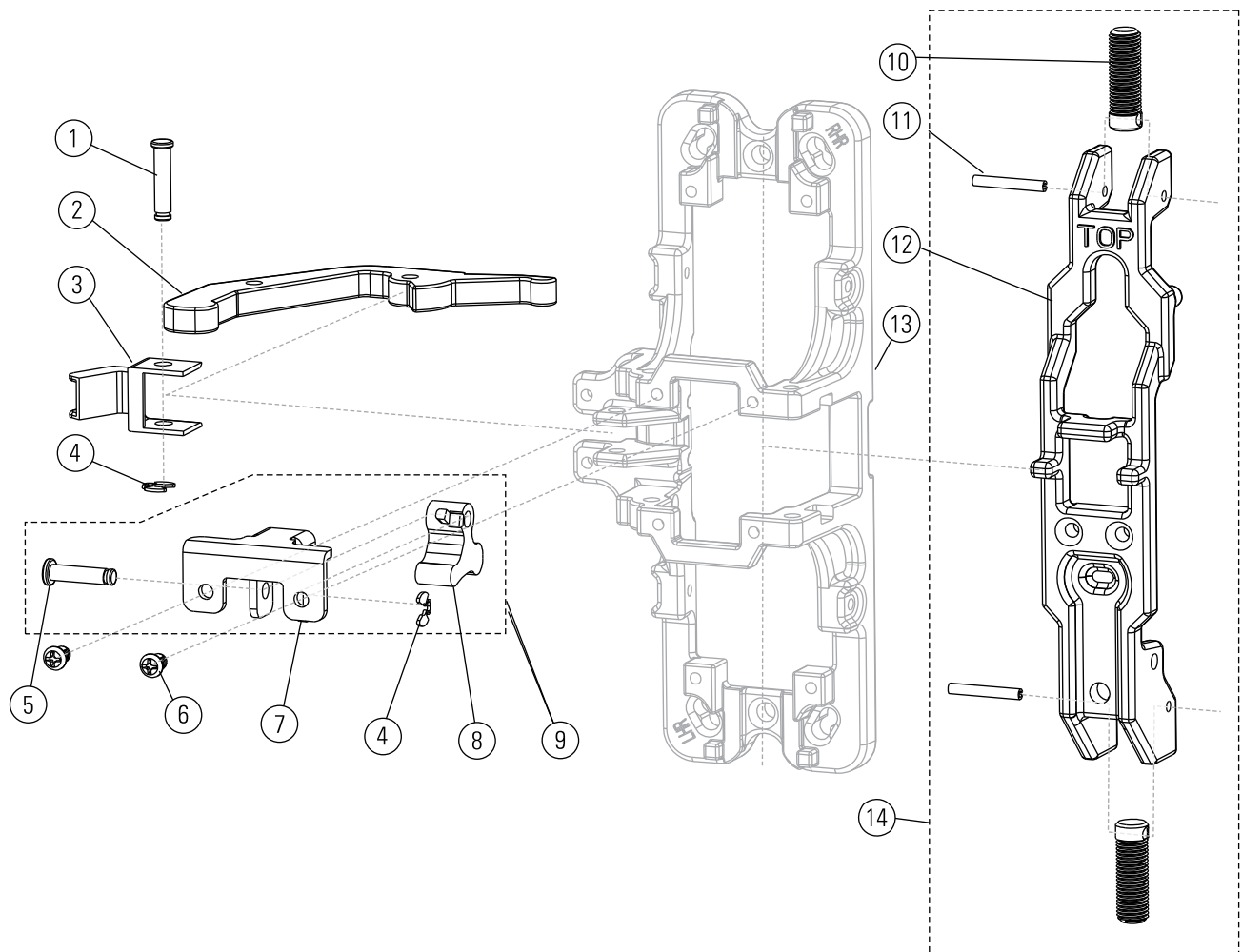


Table 43

Item	Part no.	Description	Qty.
	02273-01	2200 RHRB complete active case sub-assembly	
	02561-01	2200 LHRB complete active case sub-assembly	
	02316-01	2200LBR RHRB complete active case sub-assembly	
	02562-01	2200LBR LHRB complete active case sub-assembly	
1	00229-90	Pin, pivot, touchbar lever	1
2	00279-51	Touchbar lever	1
3	00625-51	Touchbar guard, wide stile	1

Table 43 (continued)

Item	Part no.	Description	Qty.
4	00228-91	Retaining ring, shaft	1
5	00153-90	Pin, pivot, vertical lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical lift bracket	1
8	00280-51	Rod carriage lever	1
9	00505-01	Vertical lift assembly	1
10	00383-51†	Rod stud	2
11	00382-90†	Roll pin, 1/8" x 7/8"	2
12	00485-51	Rod carriage machining, CVR/mort, BEST-Precision	1
13	N/A	Sold only as the complete assembly	1
14	00353-01	2200 Rod carriage assembly	1
	00533-01†	2200LBR rod carriage assembly	1

†Active cases 02316-01, 02562-01 and rod carriage 00533-01 contain only one 00383-51 rod stud and one 00382-90 roll pin.

All active case sub-assembly are field reversible from LHRB to RHRB and from RHRB to LHRB.

6.7 BF 2 2 0 0 Active case sub-assembly

Fig. 35, Table 44

Figure 35 BF2200 Active case sub-assembly - LHRB shown

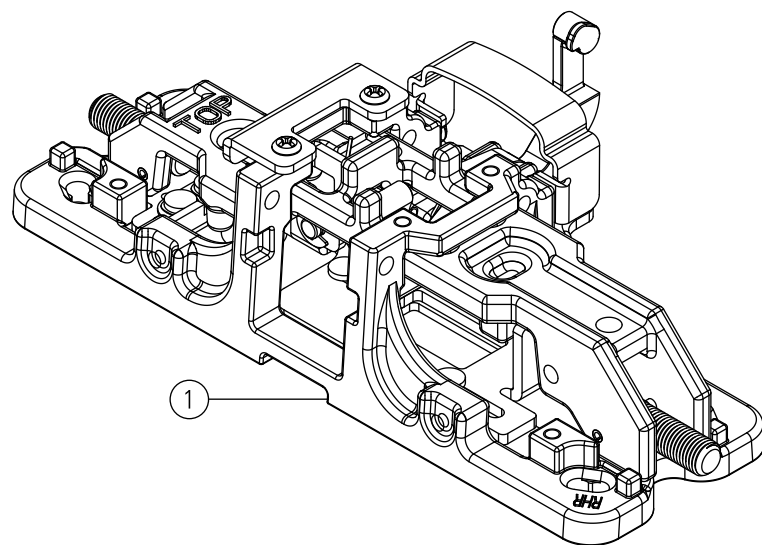


Table 44

Item	Part no.	Description	Qty.
1	D96022	BF 2 2 0 0 chassis assembly, BEST exits	1

6.8 2300 Active case sub-assembly

Fig. 36, Table 45

Figure 36 Basic active case for a wide concealed vertical rod model - RHRB shown

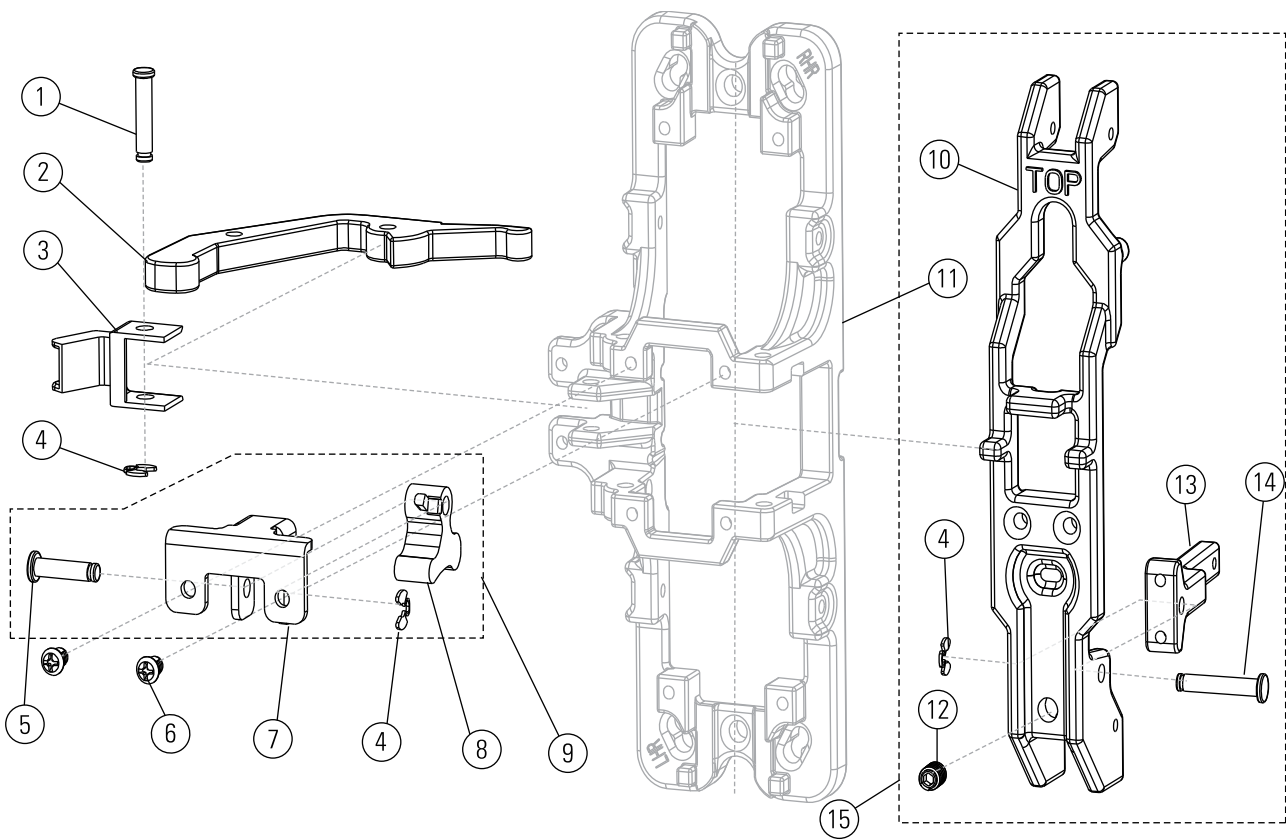


Table 45

Item	Part No.	Description	Qty.
	02274-01	2300 RHRB complete active case sub-assembly	
	02563-01	2300 LHRB complete active case sub-assembly	
1	00229-90	Pin, pivot, touchbar lever	1
2	00279-51	Touchbar lever	1
3	00625-51	Touchbar guard, wide stile	1
4	00228-91	Retaining ring, shaft	1
5	00153-90	Pin, pivot, vertical lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical lift bracket	1
8	00280-51	Rod carriage lever	1
9	00505-01	Vertical lift assembly	1
10	00485-51	Rod carriage machining, BEST-Precision	1
11	N/A	Sold only as the complete assembly	
12	00606-91	Screw, 1/4-20 x .375 set screw w/nyloc	1
13	00335-51	Device lift finger	1

Table 45 (continued)

Item	Part no.	Description	Qty.
14	00400-90	Pin, headed pivot, 1.88" x 1.125"	1
15	00797-01	2300 RHRB rod carriage assembly	1
	02646-01	2300 LHRB rod carriage assembly	1

All active case sub-assembly 02274-01 and 02563-01 are field reversible from LHRB to RHRB and from RHRB to LHRB.

6.9 BF2300 Active case sub-assembly

Fig. 37, Table 46

Figure 37 BF2300 Active case sub-assembly - LHRB shown

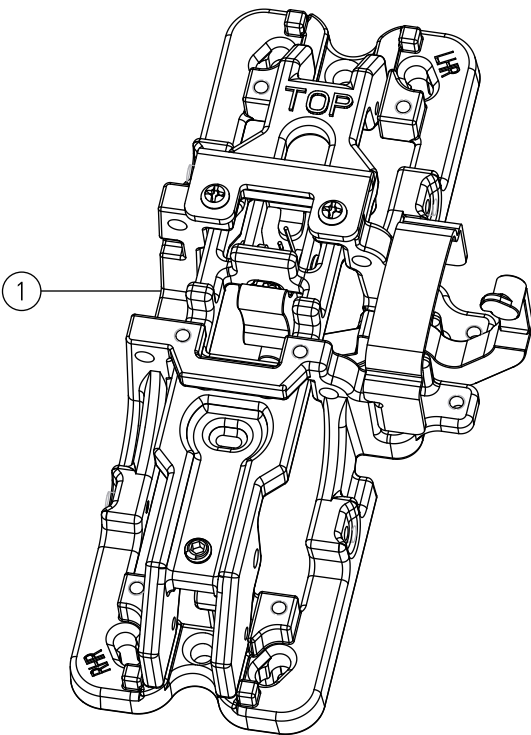


Table 46

Item	Part no.	Description	Qty.
1	D96526	BF2300 chassis assembly, BEST exits	1

6.1 0 2310 Auxiliary parts

Fig. 38, Table 47

Figure 38 2310 Auxiliary parts for mortise applications

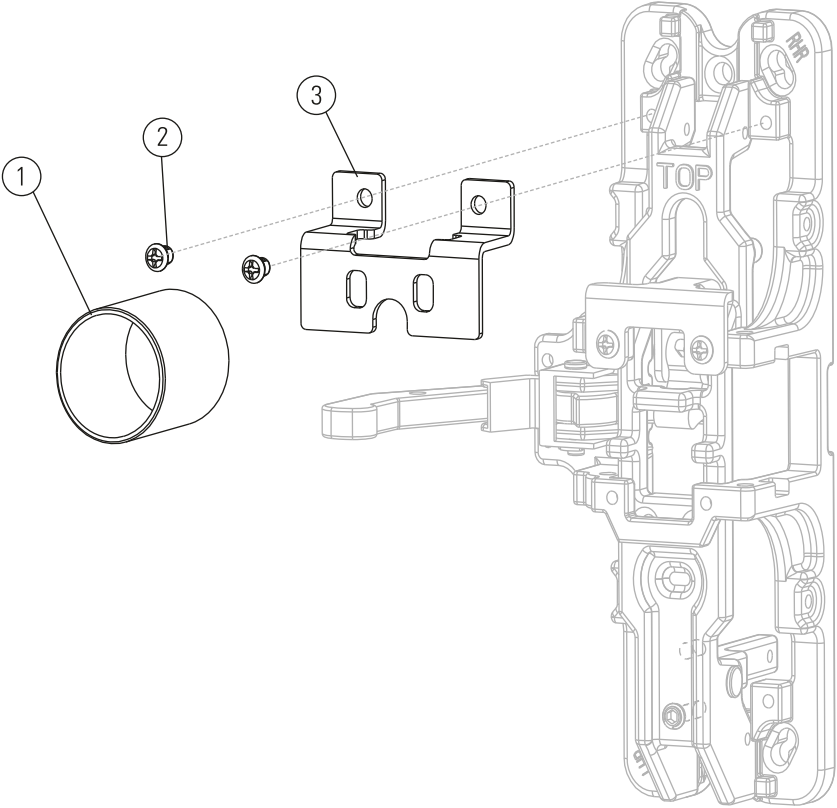


Table 47

Item	Part no.	Description	Qty.
1	00827-51	Cylinder sleeve - 10 function	1
2	00416-91	Screw, #8-32 x .275	2
3	00909-51	Cylinder bracket - 10 mortise	1

6.1 1 2 4 0 0 Full chassis

Fig. 39, Table 48

Figure 39 2400 Full chassis

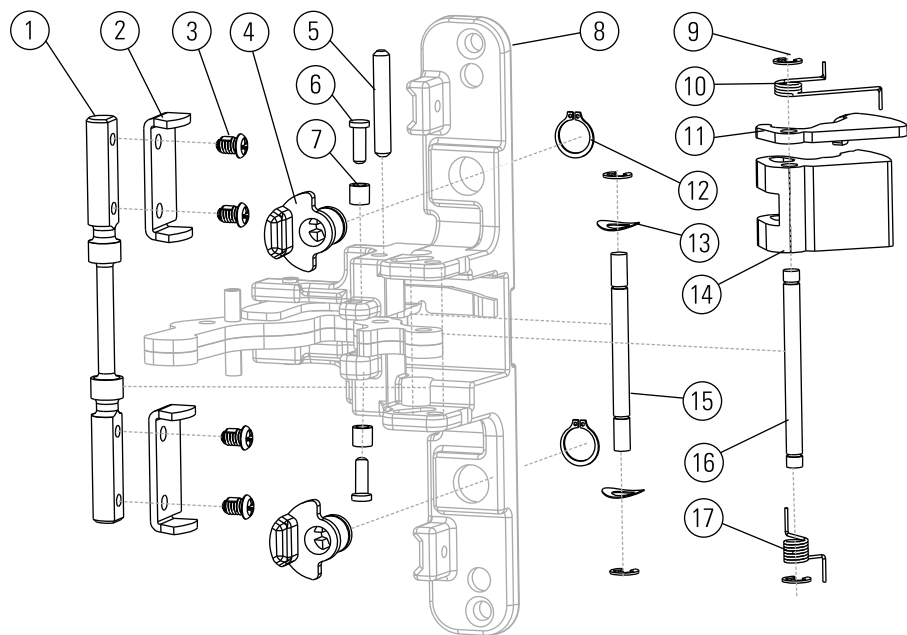


Table 48

Item	Part no.	Description	Qty.
	00498-01	2400 complete chassis assembly	
	00499-01	2400F complete chassis assembly	
1	01108-51	Trim shaft	1
2	01107-51	Cam plate	2
3	00416-91	Screw, #8-32 x .275	4
4	01724-51	Trim cam 2400	2
5	01121-90	Pivot pin	1
6	00952-51	Fire pin, narrow stile (2400F only)	2
7	00953-51	Fire spacer, narrow stile (2400F only)	2
8	N/A	Sold only as the complete assembly	1
9	01120-91	E-clip, shaft	4
10	00871-89	Spring, trip	1
11	01109-51	Trip	1
12	00412-91	Retaining ring, 438 shaft	2
13	00253-91	1/4" curved spring washer	2
14	01106-51	Latchbolt narrow stile	1
15	01114-90	Pin, lever, .187" x 2.312"	1
16	01115-90	Pin, latchbolt, 2400	1
17	01116-89	Latch bolt spring	1

6.1 2 BF2 4 0 0 Active case sub-assembly

Fig. 40, Table 49

Figure 40 BF2400 Active case sub-assembly - non-handed

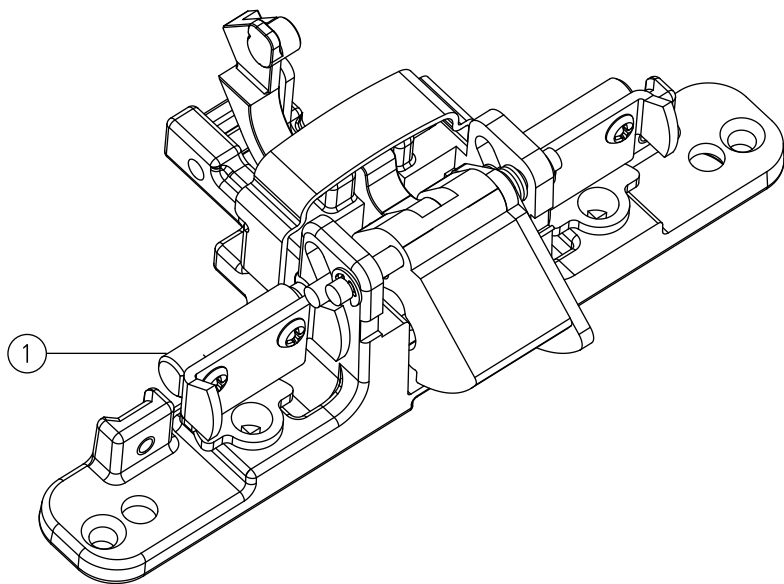


Table 49

Item	Document no.	Description	Qty.
1	D96524-01	2400F ACTIVE CASE ASSEMBLY	1
1	D96524-02	2400 ACTIVE CASE ASSEMBLY	1

6.1 3 2600 Full chassis

Fig. 41, Table 50

Figure 41 2600 Full chassis

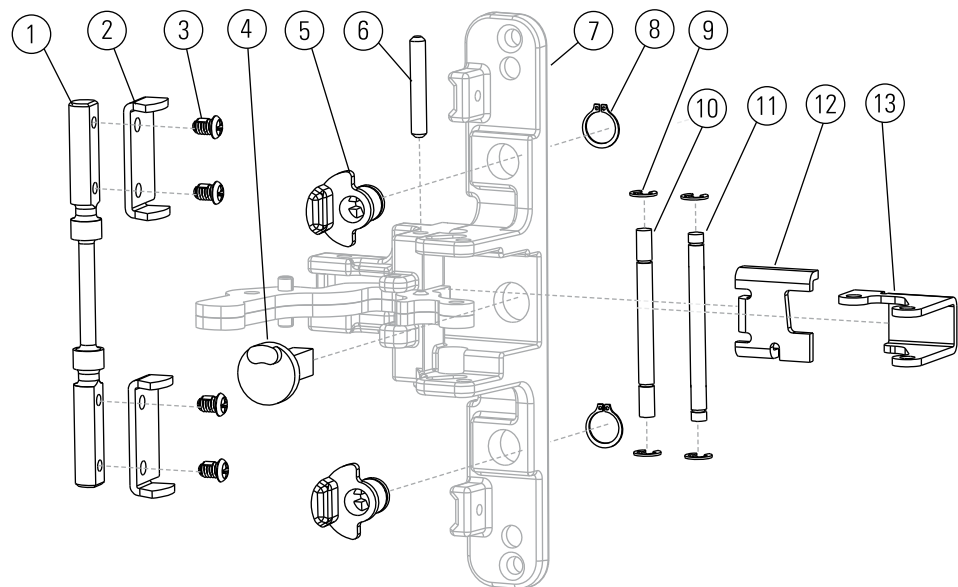


Table 50

Item	Part no.	Description	Qty.
	00500-01	2600 complete chassis assembly	
1	01108-51	Trim shaft	1
2	01107-51	Cam plate	2
3	00416-91	Screw, #8-32 x .275	4
4	01110-51	Case hub	1
	05154-51	Extended case hub	1
5	01113-51	Trim cam	2
6	01121-90	Pivot pin	1
7	N/A	Sold only as the complete assembly	1
8	00412-91	Retaining ring, .438" shaft	2
9	01120-91	E-clip, shaft	4
10	01114-90	Pin, lever, .187" x 2.312"	1
11	01115-90	Pin, latchbolt, 2400	1
12	00126-51	Cam slide, 2600	1
13	01111-51	Retainer	1

6.1 4 BF2 6 0 0 Active case sub-assembly

Fig. 42, Table 51

Figure 42 BF2600 Active case sub-assembly - non-handed

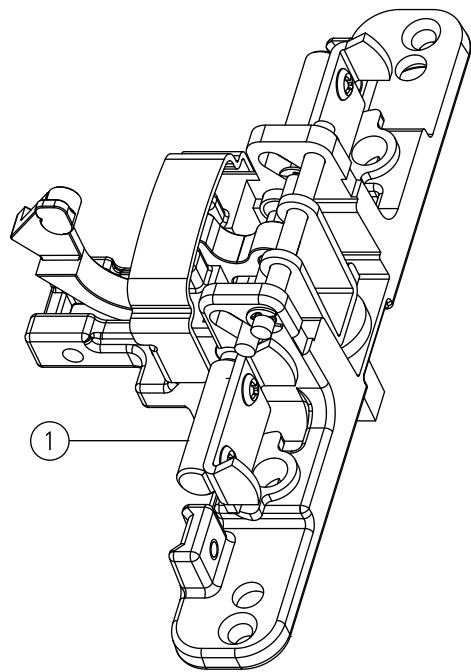


Table 51

Item	Part no.	Description	Qty.
1	C9 6 5 2 3	BF2 6 0 0 chassis assembly, BEST exits	1

6.1 5 27 00 Active case sub-assembly

Fig. 43, Table 52

Figure 43 2700 Active case sub-assembly

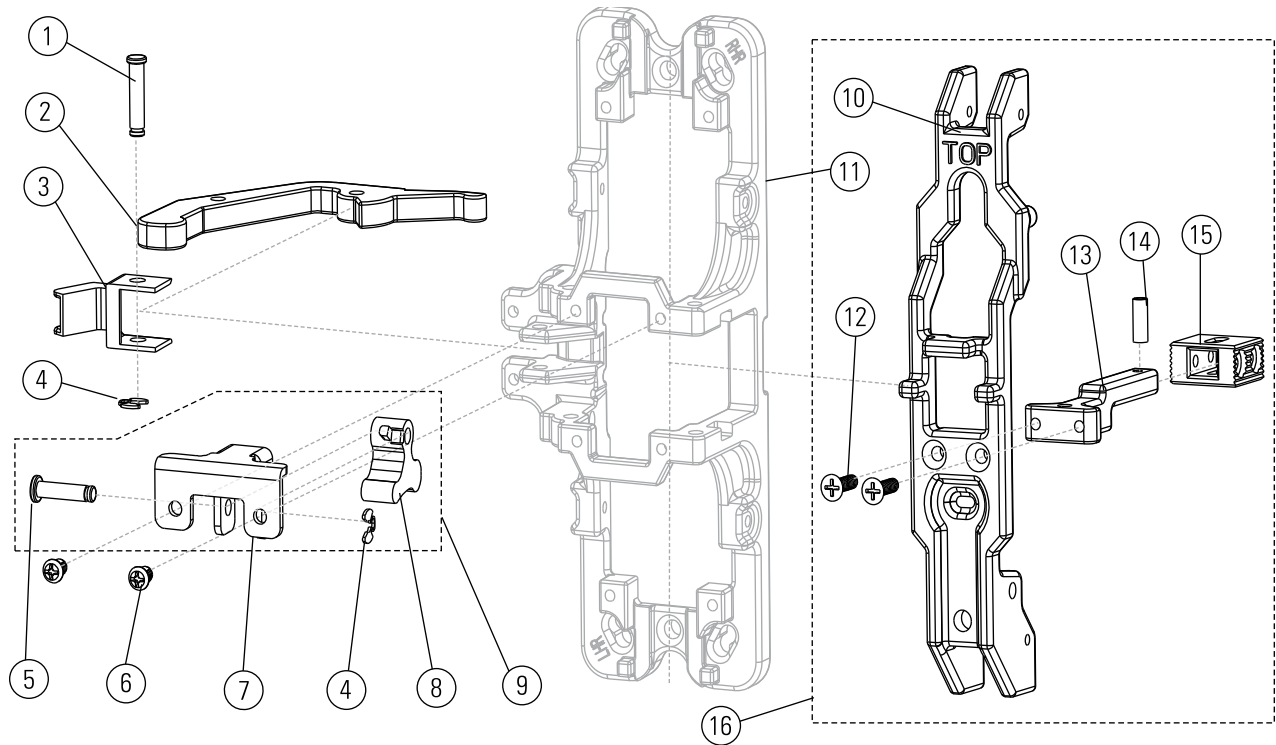


Table 52

Item	Part no.	Description	Qty.
	02320-01	2700 LHRB complete active case sub-assembly assembly	
	02564-01	2700 RHRB complete active case sub-assembly assembly	
1	00229-90	Pin, pivot, touchbar lever	1
2	00279-51	Touchbar lever	1
3	00625-51	Touchbar guard, wide stile	1
4	00228-91	Retaining ring, shaft	1
5	00153-90	Pin, pivot, vertical lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical lift bracket	1
8	00280-51	Rod carriage lever	1
9	00505-01	Vertical lift assembly	1
10	00485-51	Rod carriage machining, BEST-Precision	
11	N/A	Sold only as the complete assembly	1
12	00800-91	Screw, #8-32 x .625 FHMS	2
13	00355-51	Device lift finger	1
14	00799-90	Roll pin, 1/8" x 1/2"	1
15	00798-51	Adapter, 2700	1
16	00534-01	2700 rod carriage assembly	1

6.1 6 BF 2 7 0 0 Active case sub-assembly

Fig. 44, Table 53

Figure 44 BF2700 Active case sub-assembly- LHRB shown

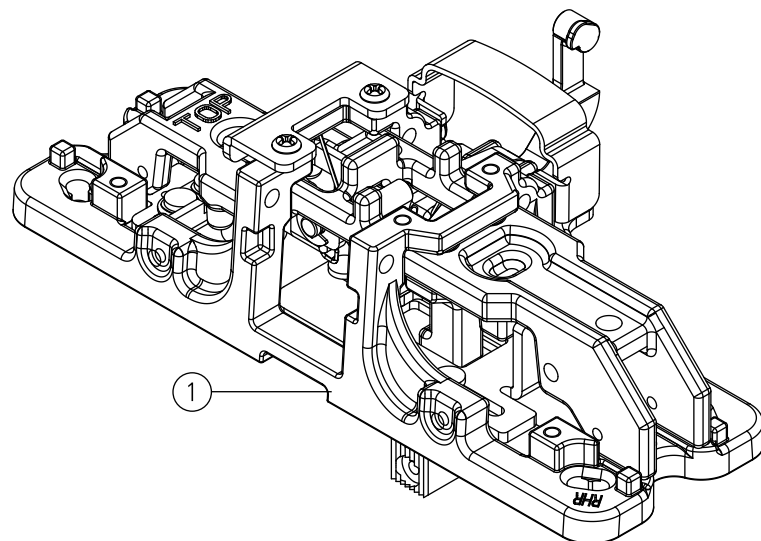


Table 53

Item	Part no.	Description	Qty.
1	D9 6 0 2 7	BF 2 7 0 0 chassis assembly, BEST exits	1

6.1 7 2800 Active case sub-assembly

Fig. 45, Table 54

Figure 45 2800 concealed vertical rod model - RHRB shown

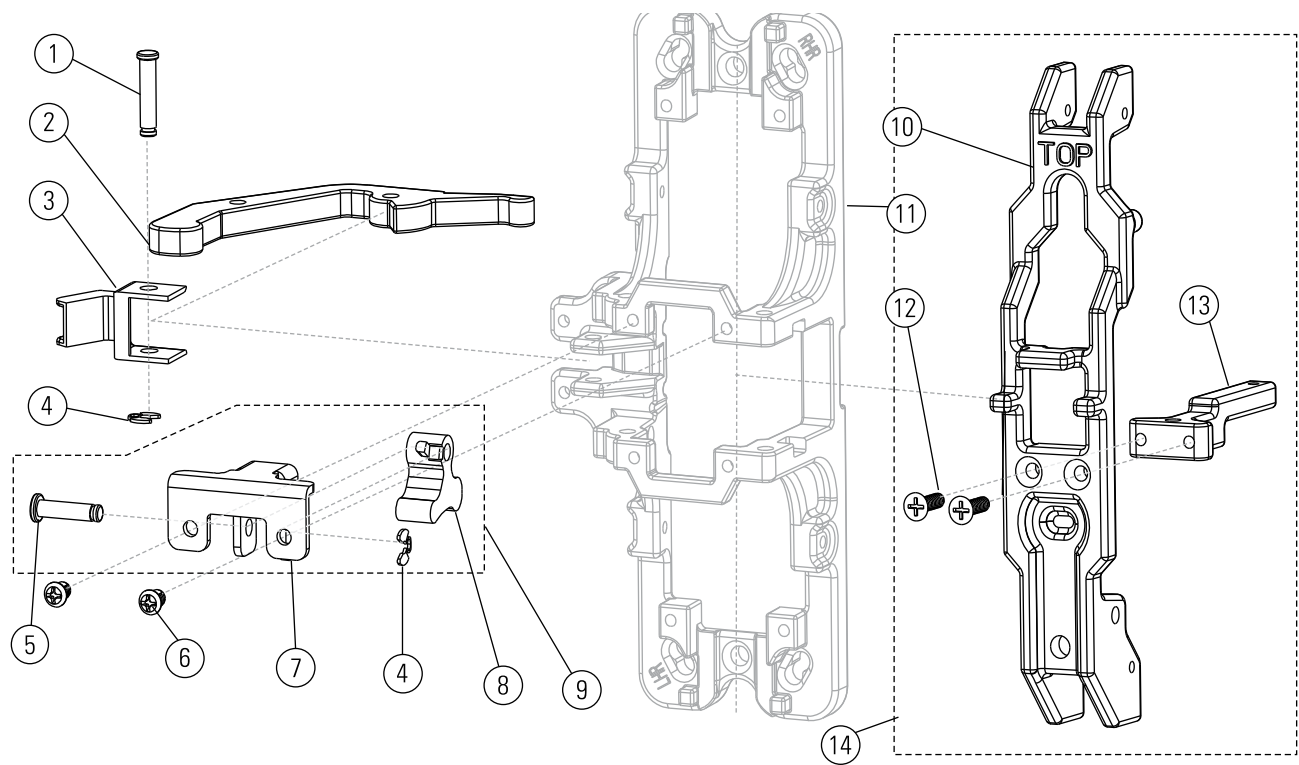


Table 54

Item	Part no.	Description	Qty
	02320-01	2700 LHRB complete active case sub-assembly assembly	
	02564-01	2700 RHRB complete active case sub-assembly assembly	
1	00229-90	Pin, pivot, touchbar lever	1
2	00279-51	Touchbar lever	1
3	00625-51	Touchbar guard, wide stile	1
4	00228-91	Retaining ring, shaft	1
5	00153-90	Pin, pivot, vertical lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical lift bracket	1
8	00280-51	Rod carriage lever	1
9	00505-01	Vertical lift assembly	1
10	00485-51	Rod carriage machining, BEST-Precision	1
11	N/A	Sold only as the complete assembly	1
12	00800-91	Screw, #8-32 X .625 FHMS	2
13	00355-51	Device lift finger	1
14	00534-01	2700 rod carriage assembly	1

6.1 8 BF2 8 0 0 Active case sub-assembly

Fig. 46, Table 55

Figure 46 BF2800 Active case sub-assembly - LHRB shown

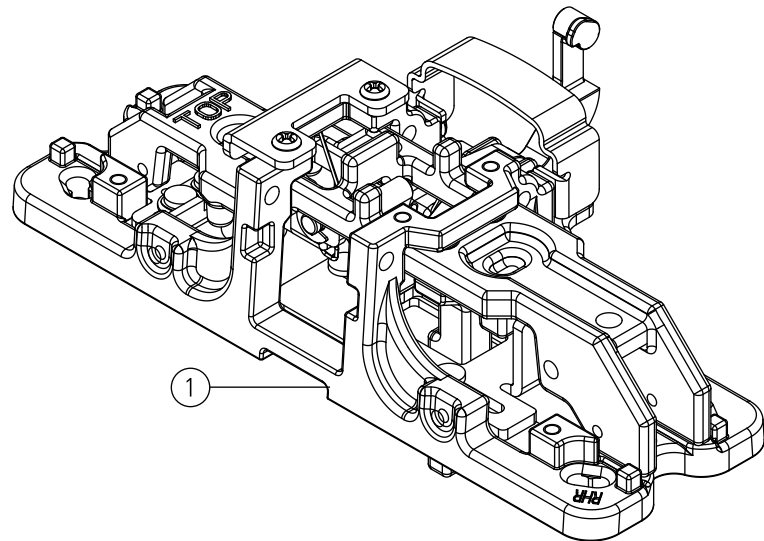


Table 55

Item	Part no.	Description	Qty.
1	D96028	BF2800 chassis assembly, BEST exits	1

6.1 9 Backplate assemblies

Fig. 47, Table 56

Figure 47 Backplate assembly

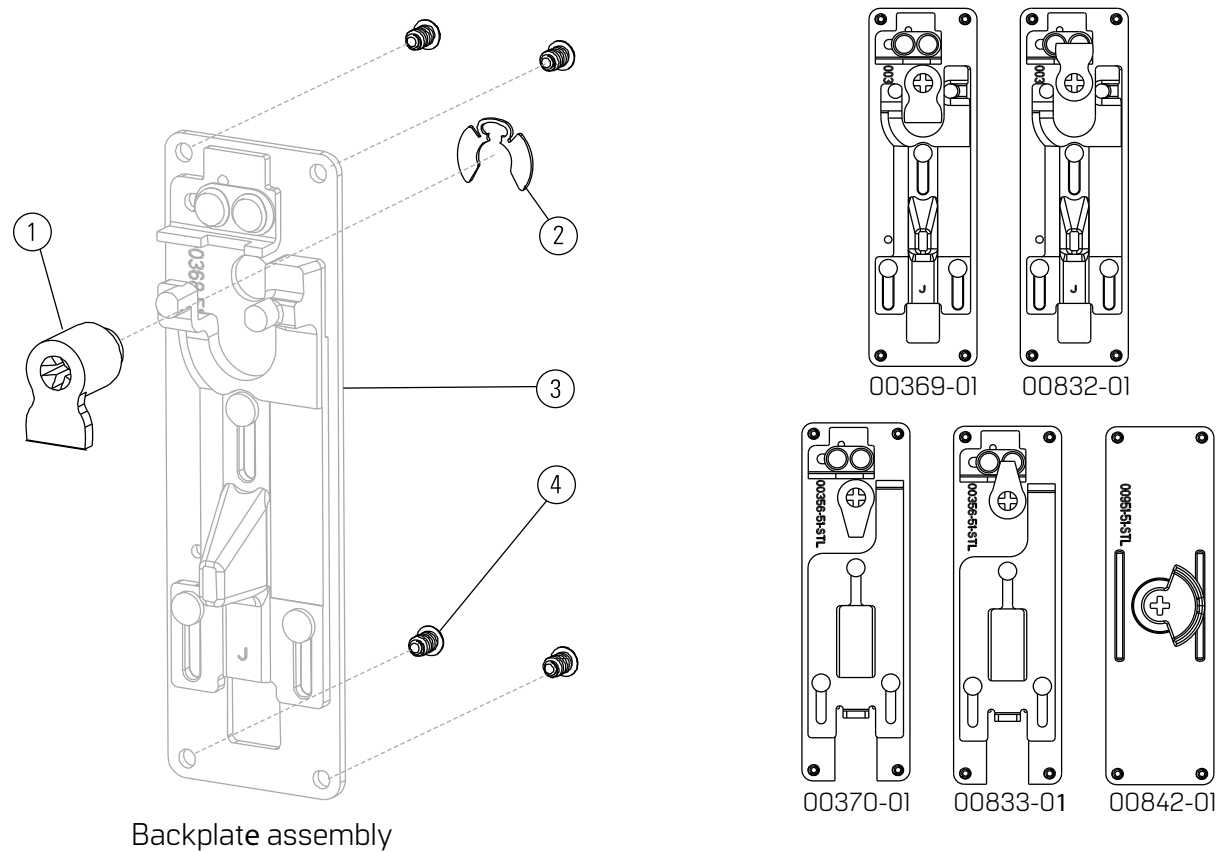


Table 56

Item	Part no.	Description	Qty.	00369-01	00832-01	00370-01	00833-01	00842-01
	00369-01	Complete backplate assembly		■				
	00832-01				■			
	00370-01					■		
	00833-01						■	
	00842-01							■
1	00282-51	Cylinder cam	1					■
	01642-51		1			■	■	
	00363-51		1	■	■			
2	00412-91	Retaining ring	1					■
	00366-91		1	■	■	■	■	
3	N/A	Sold only as the complete assembly	1					
4	00416-91	Screws, #8-32 x .275	4	■	■	■	■	■

See page 42 for the associated complete active case.

7 Strikes/latches/rods

This chapter provides diagrams and part numbers for the strikes and the components of the surface and concealed vertical rod assemblies. The BEST-Precision 2000 models that use a vertical rod include the 2200, 2600, 2700 and 2800 models.

7.1 Strikes, non-mortise

Fig. 48, Table 57

Figure 48 Strikes used with all models except the 2300 model exit device.

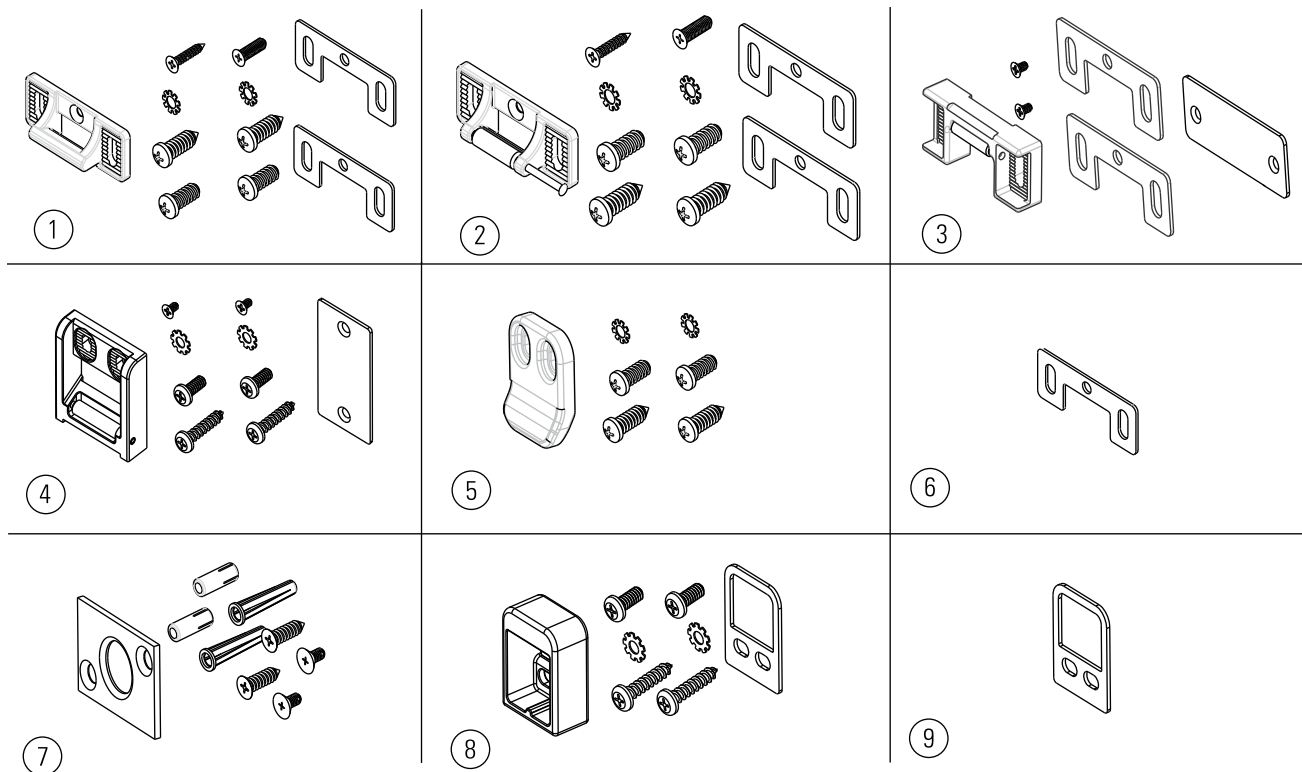


Table 57

Item	Part no.	Description	Qty.	Models used on
1	00300-08	Strike kit, S300	1	2100, 2200, 2400
2	00301-08	Strike kit, roller, S301	1	2100, 2200, 2400
3	00458-08	Strike kit, roller, narrow S458	1	2100, 2400
4	00988-08	Strike kit, roller, aluminum door S986	1	2100, 2400
5	00459-08	Strike kit, double door S459	1	2100 with a vertical rod exit device
6	00232-58	Shim, strike	1	2100, 2200, 2400
7	00460-08	Strike kit, bottom S460	1	2200, 2600, 2700, 2800
8	00519-08	Strike kit, concealed top S519	1	2600, 2700, 2800
9	01112-58	Shim, CVR strike	1	2600, 2700, 2800

7.2 Strikes, mortise

Fig. 49, Table 58

Figure 49 Strikes used with the 2300 model Exit Devices.

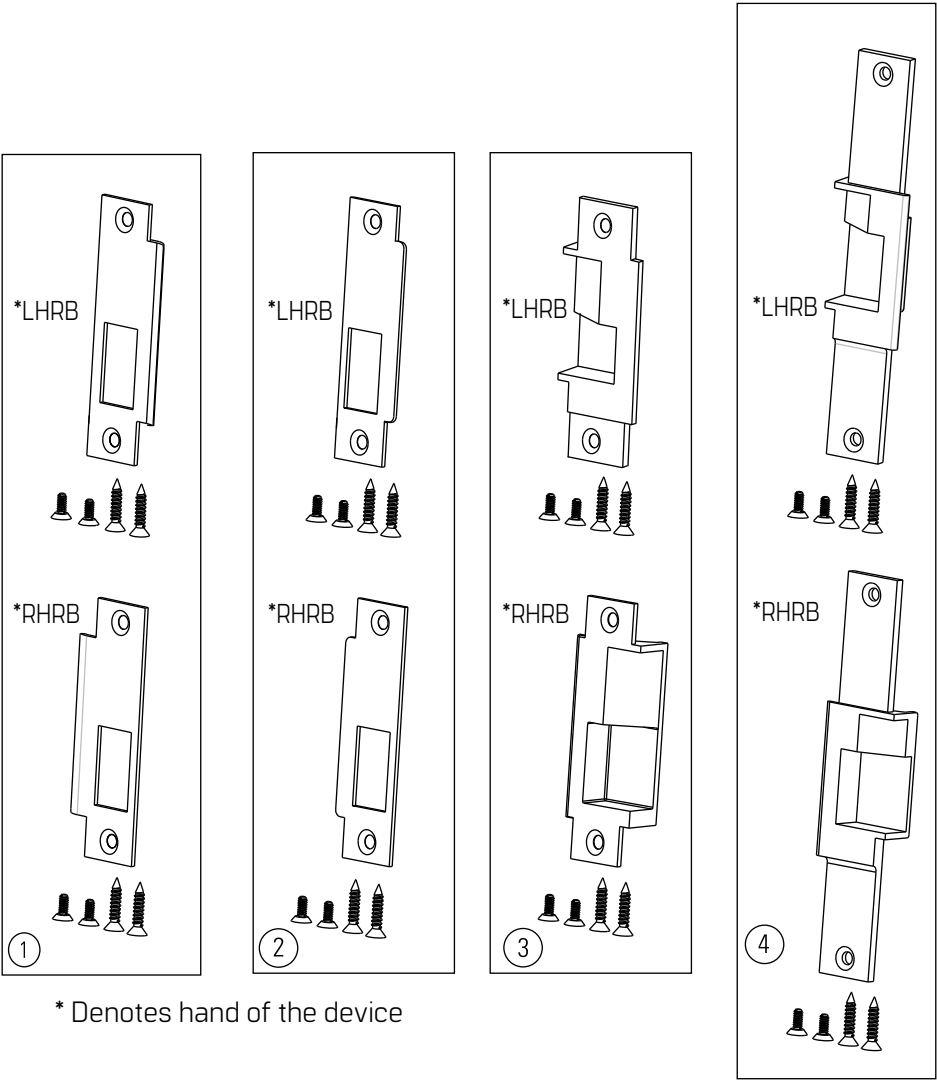


Table 58

Item	Part no.	Description	Qty.	LHRB	RHRB
1	00922-08	Strike kit, mortise 1-1/4" lip	1	■	
	00982-08		1		■
2	00923-08	Strike kit, mortise 7/8" lip	1	■	
	00983-08		1		■
3	00984-08	Strike kit, mortise 4-7/8" open back	1	■	
	00924-08		1		■
4	00985-08	Strike kit, mortise 8" in open back	1	■	
	00925-08		1		■

Specify finish when ordering these parts.

7.3 2200 SVR bottom latch

Fig. 50, Table 59

Figure 50 2200 SVR bottom latch

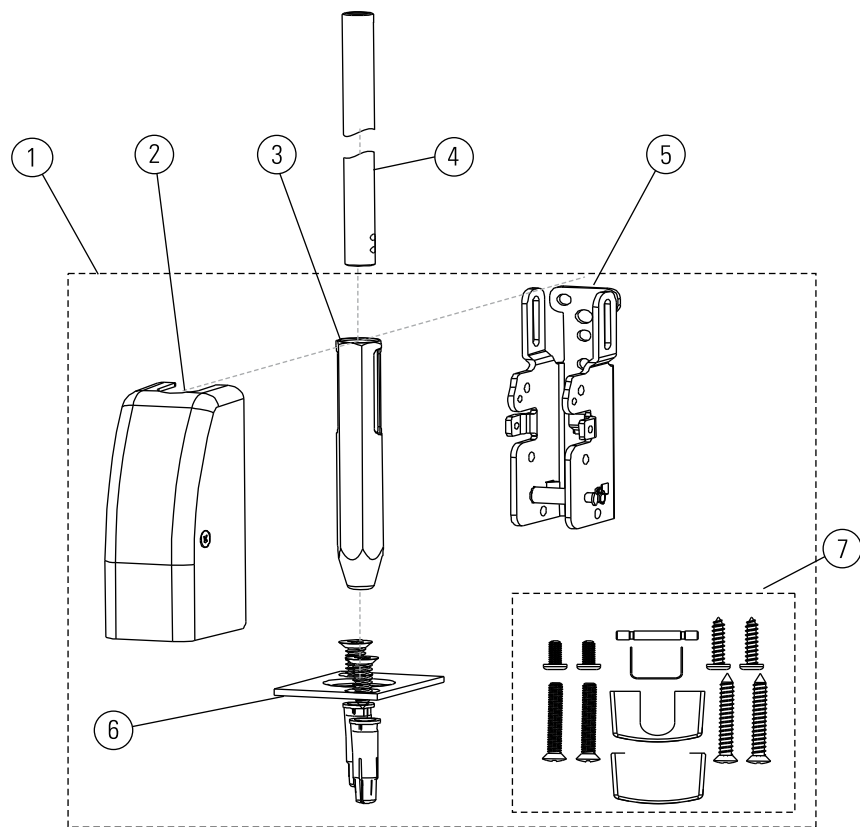


Table 59

Item	Part no.	Description	Qty.
1	01007-03*	Bottom latch kit, SVR (includes items 2, 3, 5, 6, 8)	
2	01011-03*	Latch cover kit, BEST-Precision	1
3	00540-53	Bottom bolt, SVR	1
4	00607-53*	Bottom rod, BEST-Precision SVR (sold separately)	1
5	02356-03	Bottom latch channel assembly, SVR	1
6	00460-08	Strike kit, bottom	1
7	00124-03*	Rod guide pack	1
Not shown	01859-03*	Bottom rod kit SVR (includes rod and mounting hardware)	1
	05247-09*	Long bottom rod kit	1

*Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), contact your dormakaba representative or call direct to 1-800-392-5209.

7.4 2200 SVR top latch

Fig. 51, Table 60

Figure 51 2200 SVR top latch

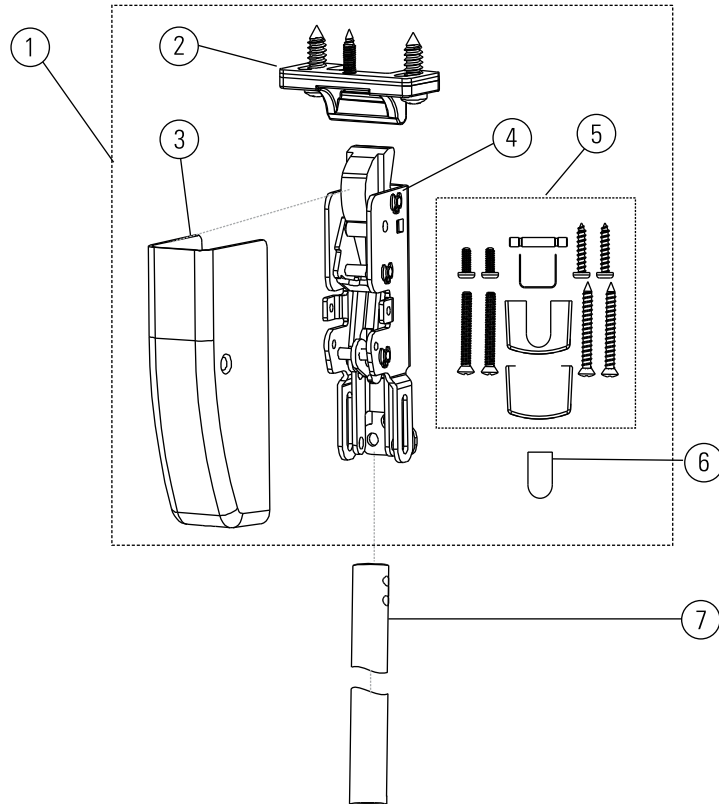


Table 60

Item	Part no.	Description	Qty.
1	01001-03*	Top latch kit, SVR, BEST-Precision (includes items 2, 3, 4, 5)	1
2	00300-08	Strike kit, standard, S300	1
3	01011-03*	Latch cover kit, BEST-Precision	1
4	00296-03	Top latch assembly, SVR	1
5	00124-03*	Rod guide pack	1
6	05124-51	LBR cover plug	1
7	00541-53*	Top rod, 7' BEST-Precision SVR (sold separately)	1
	00542-53*	Top rod, 8'	1
	00544-53*	Top rod, 10'	1
	05197-53*	Top rod, 12'	1
Not shown	01854-03*	Top rod SVR kit 7' (includes hardware)	1
	01855-03*	Top rod SVR kit 8' (includes hardware)	1
	01857-03*	Top rod SVR kit 10' (includes hardware)	1

Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), contact your dormakaba representative or call direct to 1-800-392-5209.

7.5 CVR bottom latches

Fig. 52, Table 61

Figure 52 2600, 2700, 2800 CVR bottom latches

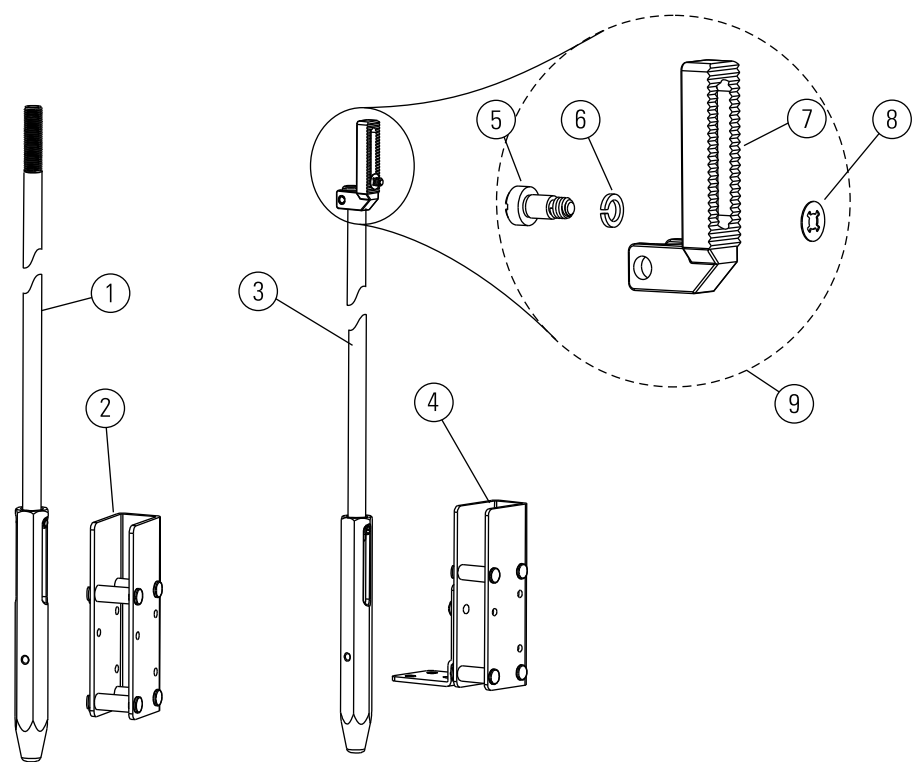


Table 61

Item	Part no.	Description	Qty.	2600	2700	2800
1	00553-03	Bottom rod assembly, CVR metal	1	■		■
	05244-09	Long bottom rod kit, CVR metal	1	■		■
2	02354-03	Bottom latch channel assembly, CVR metal	1	■		■
3	00556-03	Bottom rod assembly, CVR wood	1		■	
	05246-09	Long bottom rod kit, CVR wood	1		■	
4	02355-03	Bottom latch channel assembly, CVR wood	1		■	
5	01149-91	Shoulder screw	1		■	
6	01151-91	Washer, lock, #10	1		■	
7	01144-53	Connector, wood CVR	1		■	
8	01152-91	Washer, retaining	1		■	
9	02948-03	Connector assembly 2700	1		■	

If you need replacements for units rated for fire (FL), contact your dormakaba representative or call direct to 1-800-392-5209.

7.6 CVR top latches

Fig. 53, Table 62

Figure 53 2600, 2700, 2800 CVR top latches

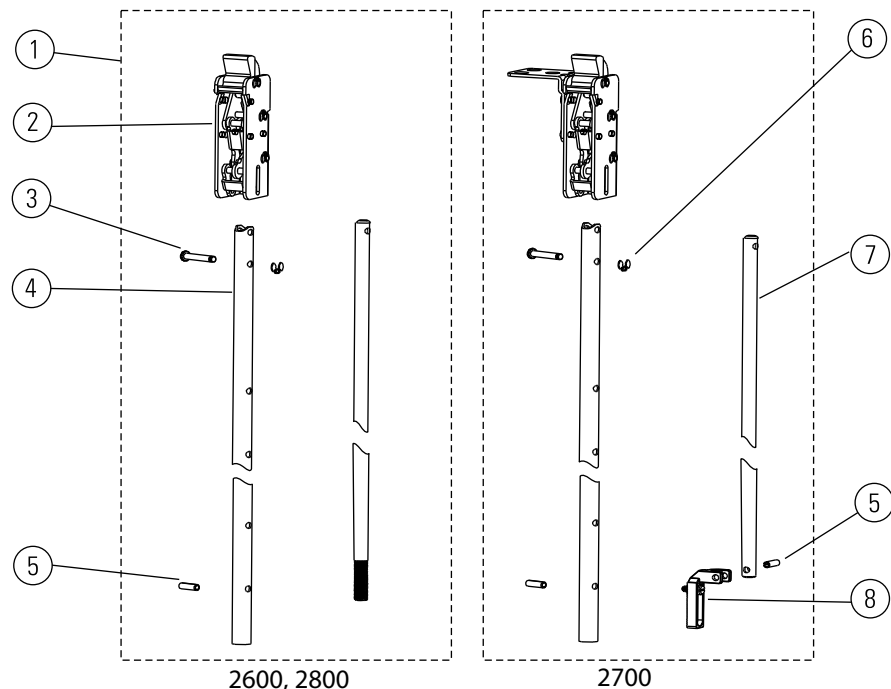


Table 62

Item	Part no.	Description	Qty.	2600, 2800		2700	
				8'	10'	8'	10'
1	01003-03	Top latch kit, CVR metal	1	■			
	01004-03		1		■		
	01005-03	Top latch kit, CVR wood	1			■	
	01006-03		1				■
2	00196-03	Top latch assembly, CVR metal	1	■	■		
	00396-03	Top latch assembly, CVR wood	1			■	■
3	00400-90	Pin, headed pivot, .188" x 1.125"	1	■	■	■	■
4	00411-53	Adjusting tube, 8'	1	■		■	
	01143-53	Adjusting tube, 10'	1		■		■
5	00408-90	Roll pin, 3/16" x 5/8"	1	■	■		
	00408-90	Roll pin, 3/16" x 5/8"	2			■	■
6	00228-91	Retaining ring, shaft	1	■	■	■	■
7	00410-53	Inner rod, CVR, metal	1	■	■		
	01145-53	Top rod, CVR, wood	1			■	■
8	02948-03	Connector assembly (see page 68 for assembly breakdown)	1			■	■

7.7 Center case assembly

Fig. 54, Table 63

Figure 54 BEST-Precision 2000 center cases

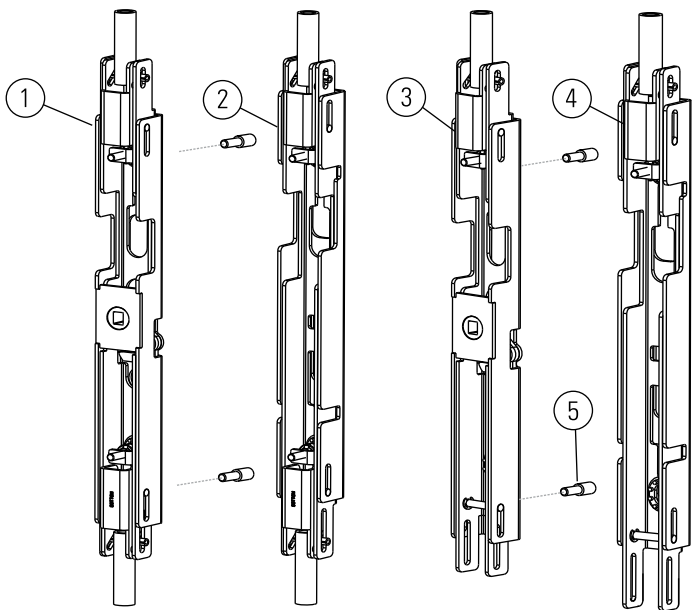


Table 63

Item	Part no.	Description	Qty.
1	00343-03	Center case assembly, 2600	1
2	00344-03	Center case assembly, 2800	1
3	02280-03	Center case assembly, 2600LBR	1
4	02279-03	Center case assembly, 2800LBR	1
5	05139-90	Extended pilot pins [2600, 2600LBR only]	2

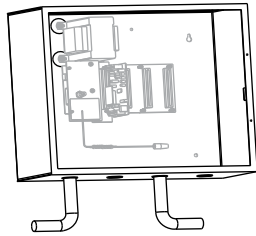
8 Other components

This chapter covers power supplies, conversion kits, and miscellaneous hardware that may not be covered in other chapters.

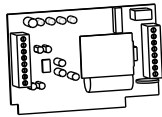
8.1 Power supplies

Fig. 55, Table 64

Figure 52 Power supplies



Power supply



Control module

Use these parts to order replacements to your electrical exit device or to upgrade from a mechanical to an electrical exit device. They are used with the electrical conversion kits listed below.

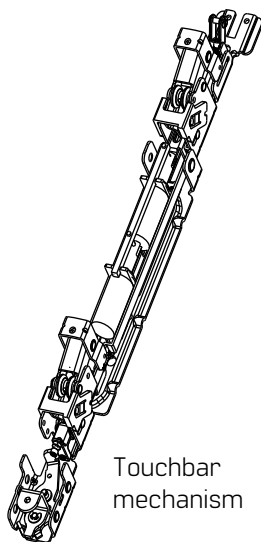
Table 64

Part no.	Description
Power supply units	
02318-06	ELR150 power supply -- no devices
02782-06	ELR151 power supply -- 1 device
02783-06	ELR152 power supply -- 2 devices
02784-06	ELR153 power supply -- 3 devices
02785-06	ELR154 power supply -- 4 devices
02788-06	ELR, control module kit CMI50-08
02789-06	ELR, battery backup kit BT150-07 (batteries not included)
Power transfer	
02188-06	Armored flex conduit, 18" EPT2
02189-06	Door loop for 5/16" wire bundle, 120° opening EPT5

8.2 Electrical conversion kits

Fig. 56, Table 65

Figure 56 Touchbar mechanism



Touchbar mechanism

Use these kits to convert a mechanical exit device into an electrical powered device, or to order replacement parts for a current electrical exit device. Conversion also requires a power supply -- see above. These switches can be added to the electrical exit devices listed in the chart.

Table 65

Part no.	Description	Length		Dogging		Stile	
Touchbar mechanisms		3'	4'	Hex	FI	W	N
00172-02	Touchbar mechanism ELRK-3	■		■		■	
00175-02	Touchbar mechanism ELRK-4		■	■		■	
00173-02	Touchbar mechanism ELRKF-3	■			■	■	
00176-02	Touchbar mechanism ELRKF-4		■		■	■	
00892-02	Touchbar mechanism NELRK-3	■		■			■
00895-02	Touchbar mechanism NELRK-4		■	■			■
00893-02	Touchbar mechanism NELRKF-3	■			■		■
00896-02	Touchbar mechanism NELRKF-4		■		■		■

8.3 Monitoring switches

Fig. 57, Table 66

Figure 57 Monitoring switches

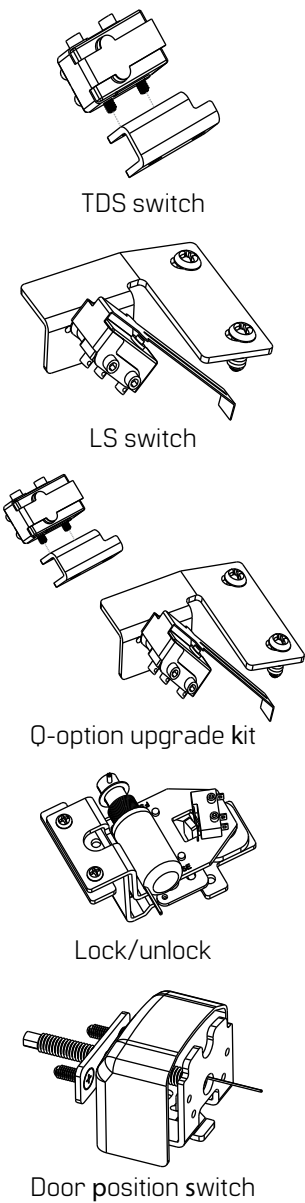


Table 66

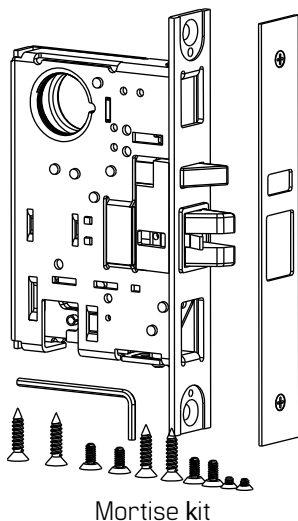
Part no.	Description	Used on
Monitoring switches		
00309-06	TS - Touchbar switch monitoring assembly TSK309	All
00310-06	TDS - Touchbar double switch monitor TDS310	All
00307-06	LS - Latchbolt switch monitoring LSRK298	Wide rim only
00308-06	LDS - Double switch monitoring LDSRK299	Wide rim only
00910-06	LS - Monitoring - vertical rods LSVK910	Wide SVR or CVR only
Q wireless option retrofit kits		
05267-06	Q-option upgrade kit for rim QSRK5267	2103
05268-06	Q-option upgrade kit for vertical rod QSRK5268	2203, 2703, 2803
Electric rim device		
E2103K	Electric rim - lock/unlock	2103, 2103FL
Encap door status switch		
00774-02*	Door position switch kit	Wide stile
00776-02*	Door position switch kit	Narrow stile

*Specify finish when ordering these parts.

8.4 E-Mortise locks

Fig. 58, Table 67

Figure 58 Basic hinge filler styles



When ordering E-Mortise locks, specify fail safe/fail secure and finish. Does not include cylinder.

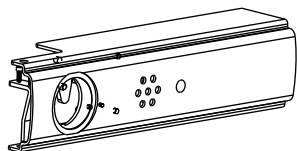
Table 67

Part no.	Description	Hand	
Electric mortise locks		RHRB	LHRB
02553-05	Mortise lock, LSM303	■	
02819-05			■
02554-05	Mortise lock, LSM303F	■	
02820-05			■
02551-05	Mortise lock, LSM308	■	
02817-05			■
02552-05	Mortise lock, LSM308F	■	
02818-05			■
02557-05	Mortise lock, LSEM303	■	
02823-05			■
02558-05	Mortise lock, LSEM303F	■	
02824-05			■
02555-05	Mortise lock, LSM308	■	
02821-05			■
02556-05	Mortise lock, LSEM308F	■	
02822-05			■
00996-93	Short arm 5/32" hex wrench		

8.5 Exit alarm kits

Fig. 59, Table 68

Figure 59 Exit alarm kits



The ALK models come with batteries included.

Table 68

Part no.	Description	Length		Power		Stile	
		3'	4'	ALK	ALW	W	N
00491-06*	Exit alarm	■		■		■	
00492-06*			■	■		■	
00493-06*		■			■	■	
00494-06*			■		■	■	
00586-06*		■		■			■
00587-06*			■	■			■
00588-06*		■			■		■
00589-06*			■		■		■

*Specify finish when ordering these parts.

8.6 Shims and brackets

Fig. 60, Table 69

Figure 60 Shims and brackets

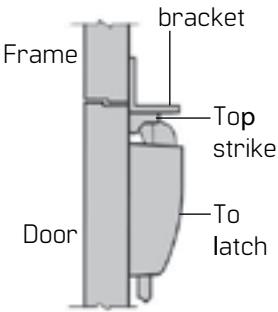


Table 69

Part no.	Description	Used on
00994-09	Shim kit, BEST-Precision wide stile	Endcap and active case
00995-09	Shim kit, BEST-Precision narrow stile	Endcap and active case
00232-58	Shim, strike	Strike S300, S301, S458
01112-58	Shim, CVR strike	Strike S519
00453-53	Transom bracket for S300 strike	2200 top latch

8.7 Fire bolt

Fig. 61, Table 70

Figure 61 Fire bolt

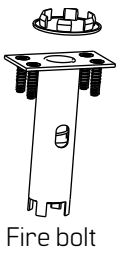


Table 70

Part no.	Description	Used on
01303-03	Fire bolt kit FB277	2200LBR, 2600LBR, 2700LBR, 2800LBR

8.8 BF-Touchbar assemblies

Fig. 62, Fig. 63, Table 70, Table 71

Figure 62 Narrow stile Barrier-Free

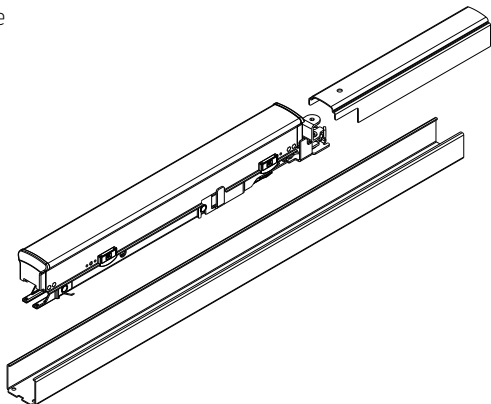


Table 70

Document no.	Material description	2'6"	3'	4'	Hex dogging	CD	Fire rated
D96503-N	D96503-3FN		■				■
D96503-N	D96503-3CN		■			■	
D96503-N	D96503-3HN		■		■		
D96503-N	D96503-4FN			■			■
D96503-N	D96503-4CN			■		■	
D96503-N	D96503-4HN			■	■		

*** Specify finish and length when ordering, and include fire rating if applicable.

Figure 63 Wide stile Barrier-Free

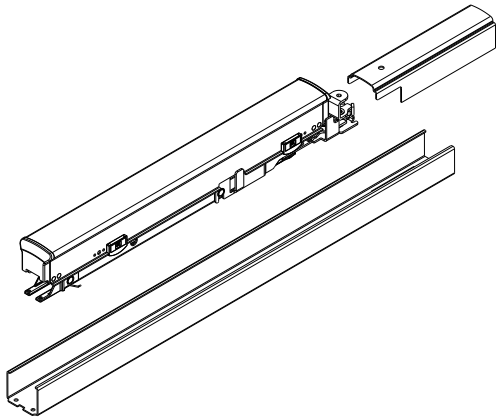


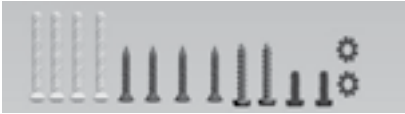
Table 71

Document no.	Material description	2'6"	3'	4'	Hex dogging	CD	Fire rated
D96503-W	D96503-2FW	■					■
D96503-W	D96503-2CW	■				■	
D96503-W	D96503-2HW	■			■		
D96503-W	D96503-3FW		■				■
D96503-W	D96503-3CW		■			■	
D96503-W	D96503-3HW		■		■		
D96503-W	D96503-4FW			■			■
D96503-W	D96503-4CW			■		■	
D96503-W	D96503-4HW			■	■		

*** Specify finish and length when ordering, and include fire rating if applicable.

8.9 Screw packs

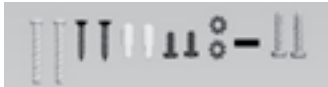
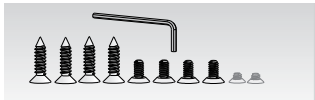
Figures Screw packs

Part no.	Description	Contents
02101-09*	Screw pack, 2100, 2200, 2300 device	 [4] Screws, #10-24 x 1-1/2 POHMS [4] Screws, #10-16 x 1 POHSMS [2] Screws, #10-16 x 1 PPHSMS [2] Screws, #10-24 x 1/2 PPHMS [2] Washers, #10 external tooth
02102-09 TORX	*Screw pack, 4 cover screws	 [4] Screws, #8-32 x 3/8 PUFHMS

Screw packs (continued)

Part no.	Description	Contents
02103-09-000	Screw pack, endcap bracket	 <p>[2] Washers, #10 external tooth [2] Screws, #10-24 x 1/2 [2] Screws, #10-16 x 1</p>
02104-09*	Screw pack, endcap screws	 <p>[2] Screws, #8-32 x 3/8 PUFHMS</p>
02105-09*	Screw pack, cylinder dogging	 <p>Nut, cylinder locking washer, cylinder locating 3/16" cylinder collar</p>
02106-09*	Screw pack, 2 cover screws	 <p>[2] Screws, #8-32 x 3/8 PUFHMS</p>
02107-09-000	Screw pack, 2400	 <p>[2] Screws, #10-24 x 1-1/2 POHMS [2] Screws, #10-16 x 1 POHSMS [2] Washers, #10 external tooth [2] Screws, #10-24 x 1/2 PPHMS [2] Screws, #10-16 x 1 PPHSMS TYPE AB</p>
02109-09*	Screw pack, latchbolt cover	 <p>Latch opening cover</p>
02110-09*	Screw pack, 1/2" blocking ring, narrow w/o trim	 <p>1/2" cylinder collar</p>
02112-09-000	Screw pack, surface latch	 <p>[2] Screws, #10 x 1-3/4 POHSMS Rod guide [2] Screws, #10-24 x 1-1/2 POHMS [2] Screws, #10-16 x 1 PPHSMS Spring clip, vertical rod Pin, rod, .188" x 1.296" [2] Screws, #10-24 x 1/2 PPHMS</p>

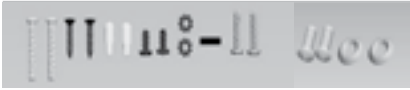
Screw packs (continued)

Part no.	Description	Contents
02113-09*	Screw pack, guide strap	 Rod guide strap
02114-09*	Screw pack, concealed latch	 [2] Screws, #10-24 x 1/2 POHMS w/Nyloc [2] Washers, finish, #10
02115-09-000	Screw pack, 2800 active case	 [4] Screws, #10-24 x 1-1/2 POHMS [4] Screws, #10-24 x 1/2 PPHMS [2] Screws, #10-24 x 1 POHMS [2] Washers, #10 external tooth [4] Screws, #10-16 x 1 POHSMS [2] Screws, #10-16 x 1 PPHSMS Roll pin, 3/16" x 5/8"
02116-09-000	Screw pack, 2600 active case	 [2] Screws, #10-24 x 1-1/2 POHMS [2] Screws, #10-16 x 1 POHSMS [2] Pins, pilot [2] Screws, #10-24 x 1/2 PPHMS [2] Washers, #10 external tooth Roll pin, 3/16" x 5/8" [2] Screws, #10-16 x 1 PPHSMS
02117-09-000	Screw pack, 2700 latch	 [3] Screws, #10-16 x 1 PFHMSM Roll pin, 3/16" x 5/8"
02118-09*	Screw pack, mortise lock	 Wrench, 1/8" hex [4] Screws, #12-14 x 1 FHMS [4] Screws, #12-24 x 1/2 PUFHMS [2] Screws, #8-32 x 3/16 PUFHMS
02119-09*	Screw pack, 2000 bottom screw	 Washer, finish, #10 Screw, #10-24 x 1-1/2 POHMS

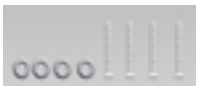
Screw packs (continued)

Part no.	Description	Contents
02120-09*	Screw pack, A and C grip bottom screw	 <p>Screw, #1/4-20 x 2 POHMS Washer, finish, 1/4"</p>
02121-09*	Screw pack, B grip bottom screw	 <p>Screw, #1/4-20 x 2-3/8 POHMS [2] screws, #1/4-20 x 2-1/8 POHMS Washer, finish, 1/4"</p>
02125-09-000	Screw pack, C03 trim	 <p>Rim cylinder sleeve Cylinder strap [4] screws, #10-24 x 2 PHMS</p>
02129-09-000	Screw pack, 2000 trim attachment	 <p>[2] Screws, #10-24 x 1-1/2 POHMS</p>
02230-09-000	Screw pack, 2700	 <p>[Consists of screw packs [1] 02101-09 and [2] 02117-09] [4] Screws, #10-24 x 1-1/2 POHMS [4] Screws, #10-16 x 1 POHSMS [2] Screws, #10-16 x 1 PPHSMS [2] Screws, #10-24 x 1/2 PPHMS [2] Washers, #10 external tooth [6] Screws, #10-16 x 1 PFHMSM [2] Roll pins, 3/16" x 5/8"</p>
02231-09-000	Screw pack, 2700 LBR device	 <p>[Consists of screw packs [1] 02101-09 and [1] 02117-09] [4] Screws, #10-24 x 1-1/2 POHMS [4] Screws, #10-16 x 1 POHSMS [2] Screws, #10-24 x 1/2 PPHMS [2] Washers, #10 external tooth [2] Screws, #10-16 x 1 PPHSMS [3] Screws, #10-16 x 1 PFHMSM Roll pin, 3/16" X 5/8"</p>

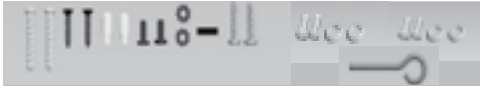
Screw packs (continued)

Part no.	Description	Contents
02232-09*	Screw pack, 2800 device	 <p>[Consists of screw packs (1) 02115-09 and (2) 02114-09] (4) Screws, #10-24 x 1-1/2 POHMS (4) Screws, #10-24 x 1/2 PPHMS (2) Screws, #10-24 x 1 POHMS (2) Washers, #10 external tooth (4) Screws, #10-16 x 1 POHSMS (2) Screws, #10-16 x 1 PPHSMS Roll pin, 3/16" x 5/8" (4) Screws, #10-24 x 1 POHMS (4) Screws, #10-16 x 1 PPHSMS</p>
02233-09*	Screw pack, 2800 LBR device	 <p>[Consists of screw packs (1) 02115-09 and (1) 02114-09] (4) Screws, #10-24 x 1-1/2 POHMS (4) Screws, #10-24 x 1/2 PPHMS (2) Screws, #10-24 x 1 POHMS (2) Washers, #10 external tooth (4) Screws, #10-16 x 1 POHSMS (2) Screws, #10-16 x 1 PPHSMS Roll pin, 3/16" x 5/8" (2) Screws, #10-24 x 1 POHMS (2) Screws, #10-16 x 1 PPHSMS</p>
02234-09*	Screw pack, 2600 device	 <p>[Consists of screw packs (1) 02116-09 and (2) 02114-09] (2) Screws, #10-24 X 1-1/2 POHMS (2) Screws, #10-16 X 1 POHSMS (2) Pin, pilot (2) Screws, #10-24 X 1/2 PPHMS (2) Washers, #10 external tooth Roll pin, 3/16" X 5/8" (2) Screws, #10-16 X 1 PPHSMS (4) Screws, #10-24 X 1/2 POHMS w/Nyloc (4) Washers, finish, #10</p>
02235-09*	Screw pack, 2600 LBR device	 <p>[Consists of screw packs (1) 02116-09 and (1) 02114-09] (2) Screws, #10-24 x 1-1/2 POHMS (2) Screws, #10-16 x 1 POHSMS (2) Pin, pilot (2) Screws, #10-24 x 1/2 PPHMS (2) Washers, #10 external tooth Roll pin, 3/16" x 5/8" (2) Screws, #10-16 x 1 PPHSMS (2) Screws, #10-24 x 1/2 POHMS w/Nyloc (2) Washers, finish, #10</p>

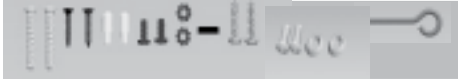
Screw packs (continued)

Part no.	Description	Contents
02262-09-000	Security screw pack, 2100, 21 devices	 <p> (4) Screws, #8-32 x 3/8 T20 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin (2) Screws, #10-24 x 3/4 T25 TORX w/pin (2) Screws, 1/4-20 x 3/4 T27 TORX w/pin </p>
02263-09-000	Security screw pack, 2200, 22	 <p> (4) Screws, #8-32 x 3/8 T20 TORX w/pin (4) Screws, #8-32 x 3/8 T15 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin Screw, #10-24 x 3/4 T25 TORX w/pin (2) Screws, 1/4-20 x 3/4 T27 TORX w/pin (2) Screws, 1/4-20 x 1 T30 TORX w/pin </p>
02264-09-000	Security screw pack, 2200LBR, 22LBR	 <p> (4) Screws, #8-32 X 3/8 T20 TORX w/pin (2) Screws, #10-24 X 3/8 TORX FHMS w/pin Screw, #10-24 x 3/4 T25 TORX w/pin (2) Screws, 1/4-20 x 3/4 T27 TORX w/pin (2) Screws, #8-32 x 3/8 T15 TORX w/pin </p>
02265-09-000	Security screw pack, 2400	 <p> (2) Screws, #8-32 x 3/8 T20 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin (2) Screws, #10-24x 1/2 T25 TORX w/pin </p>
02845-09-000	Screw pack, surface latch, 1/4-20	 <p> (2) Screws, #10 x 1-3/4 POHSMS (A) Rod guide (2) Screws, #10-24 x 1-1/2" POHMS (2) Screws, 1/4-14 x 1 PPHSMS Spring clip, vertical rod Pin, rod, .188" x 1.296" (2) Screws, 1/4-14 x 1 PPHSMS </p>
02985-04*	Screw pack for dummy trim	 <p> (4) Washers, finish, #10 (4) Screws, #10-24 x 1-1/2 POHMS </p>

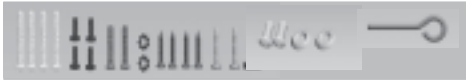
Screw packs (continued)

Part no.	Description	Contents
03131-09-000	Security screw pack, 2300	 <p> (4) Screws, #8-32 x 3/8 T20 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin (4) Screws, #12-24 x 1/2 T20 TORX w/pin </p>
03132-09-000	Security screw pack, 2700	 <p> (4) Screws, #8-32 x 3/8 T20 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin (2) Screws, #10-24 x 1/2 T25 TORX w/pin (2) Screws, 1/4-20x1 T30 TORX w/pin </p>
03133-09-000	Security screw pack, 2800	 <p> (4) Screws, #8-32 x 3/8 T20 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin (2) Screws, #10-24 x 1/2 T25 TORX w/pin (2) Screws, 1/4-20 x 1 T30 TORX w/pin (4) Screws, #10-24 x 1/2 T25 TORX w/pin </p>
03135-09-000	Security screw pack, 2600	 <p> (2) Screws, #8-32 x 3/8 T20 TORX w/pin (2) Screws, #10-24 x 3/8 TORX FHMS w/pin (2) Screws, #10-24 x 1/2 T25 TORX w/pin (2) Screws, 1/4-20 x 1 T30 TORX w/pin (4) Screws, #10-24 x 1/2 T25 TORX w/pin </p>
03233-09-SST	Screw pack, 2100, 2200, 2300 device hex	 <p> (4) Screws, #10-24 x 1-1/2 POHMS (4) Screws, #10-16 x 1 POHSMS Hex dogging key (2) Screws, #10-24 x 1/2 PPHMS (2) Screws, #10-16 x 1 PPHSMS (2) Washers, #10 external tooth </p>
03234-09*	Screw pack, 2600 device hex	 <p> (Consist of screw packs (1) 02116-09, (2) 02114-09 and (1) 00220-93 dogging key.) (2) Screws, #10-24 x 1-1/2 POHMS (2) Screws, #10-16 x 1 POHSMS (2) Pin, pilot (2) Screws, #10-24 x 1/2 PPHMS (2) Washers, #10 external tooth Roll pin, 3/16" x 5/8" (2) Screws, #10-16 x 1 PPHSMS (4) Screws, #10-24 x 1/2 POHMS w/Nyloc (4) Washers, finish, #10 Hex dogging key </p>

Screw packs (continued)

Part no.	Description	Contents
03235-09*	Screw pack, 2600 LBR device hex	 <p>[Consist of screw packs (1) 02116-09, (1) 02114-09 and (1) 00220-93 dogging key.] (2) Screws, #10-24 x 1-1/2 POHMS (2) Screws, #10-16 x 1 POHSMS (2) Pin, pilot (2) Screws, #10-24 x 1/2 PPHMS (2) Washers, #10 external tooth Roll pin, 3/16" x 5/8" (2) Screws, #10-16 x 1 PPHSMS (2) Screws, #10-24 x 1/2 POHMS w/Nyloc (2) Washers, finish, #10 Hex dogging key</p>
03236-09-000	Screw pack, 2700 hex	 <p>[Consists of screw packs (1) 02101-09 and (2) 02117-09 and (1) 00220-93 dogging key.] (4) Screws, #10-24 x 1-1/2 POHMS (4) Screws, #10-16 x 1 POHSMS (2) Screws, #10-16 x 1 PPHSMS (2) Screws, #10-24 x 1/2 PPHMS (2) Washers, #10 external tooth (6) Screws, #10-16 x 1 PFHMSM (2) Roll pin, 3/16" x 5/8" Hex dogging key</p>
03237-09-000	Screw pack, 2700 LBR device hex	 <p>[Consists of screw packs (1) 02101-09 and (1) 02117-09 and (1) 00220-93 dogging key.] (4) Screws, #10-24 x 1-1/2 POHMS (4) Screws, #10-16 x 1 POHSMS (2) Screws, #10-16 x 1 PPHSMS (2) Screws, #10-24 x 1/2 PPHMS (2) Washers, #10 external tooth (3) Screws, #10-16 x 1 PFHMSM (1) Roll pin, 3/16" x 5/8" Hex dogging key</p>
03238-09*	Screw pack, 2800 device hex	 <p>[Consists of screw packs (1) 02115-09 and (2) 02114-09 and (1) 00220-93 dogging key.] (4) Screws, #10-24 x 1-1/2 POHMS (4) Screws, #10-24 x 1/2 PPHMS (2) Screws, #10-24 x 1 POHMS (2) Washers, #10 external tooth (4) Screws, #10-16 x 1 POHSMS (2) Screws, #10-16 x 1 PPHSMS Roll pin, 3/16" x 5/8" (4) Screws, #10-24 x 1 POHMS (4) Screws, #10-16 x 1 PPHSMS Hex dogging key</p>

Screw packs (continued)

Part no.	Description	Contents
03239-09*	Screw pack, 2800 LBR device hex	 <p>[Consists of screw packs (1) 02115-09 and (1) 02114-09 and (1) 00220-93 dogging key.) [4] Screws, #10-24 x 1-1/2 POHMS [4] Screws, #10-24 x 1/2 PPHMS [2] Screws, #10-24 x 1 POHMS [2] Washers, #10 external tooth [4] Screws, #10-16 x 1 POHSMS [2] Screws, #10-16 x 1 PPHSMS Roll pin, 3/16" X 5/8" [2] Screws, #10-24 x 1 POHMS [2] Screws, #10-16 x 1 PPHSMS Hex dogging key</p>
03240-09-SST	Screw pack, 2400, 5100, 5200	 <p>[2] Screws, #10-24 x 1-1/2 POHMS [2] Screws, #10-16 x 1 PPHSMS [2] Screws, #10-24 x 1/2 PPHMS [2] Screws, #10-16 x 1 POHSMS [2] Washers, #10 external tooth Hex dogging key</p>

9 Appendix A

9.1 HC2 1 0 0 Device addendum

As of August 2021, HC2100 devices will be manufactured using the following subassemblies.

Table 72

Drawing no.	Description
07502-01	HC2100 chassis assembly
07510-01	HC2110 chassis assembly
07534-02	HC2100 touchbar assembly
07525-02	HC2100 ELR touchbar assembly

1 0 Glossary

1 0.1 Glossary

ALK: Exit alarm, battery operated.

ALW: Exit alarm, remote powered.

Armored front: The mortise lock front and faceplate designed to prevent tampering with the cylinder clamp screw and case mounting screws.

Backset: The distance from the faceplate to the center of the cylinder or lever.

BRL: Braille touchbar.

Cam: See "Cylinder cam."

Core: See "Interchangeable core."

Cylinder: See "Mortise cylinder."

Cylinder cam: A rotating part of a keyed cylinder that drives the deadbolt or latchbolt.

CD: Cylinder dogging.

Cylinder ring: A metal ring that fits around the cylinder and protects it from tampering. The cylinder ring also spaces the cylinder out to the right position.

CVR: Concealed vertical rod.

DE: Delayed egress.

Door bevel: The angle on the edge of a door.

Door status sensor: A sensor that monitors whether the door is open or closed. This sensor is used to detect a forced entry, or a door that is propped open.

DS: Door position monitoring switch.

E: Electric device.

ELR: Electric latch retraction.

Escutcheon: A surface-mounted plate that covers holes that were made in the door for levers and cylinders.

Faceplate: A finished part of a mortise lock that covers the armored front. See "Armored front."

Figure-8: The basic shape of the interchangeable core and its housing (door lever, cylinder, padlock, and so forth). See "Interchangeable core."

FL: Fire exit hardware.

Hand of door: The swing direction of the door as viewed from the outside of the door. A right-handed (RH) door is hinged on the right and swings inward. A left-handed (LH) door is hinged on the left and swings inward. If either swings outward, it becomes a right-hand reverse bevel (RHRB) door, or a left-hand reverse bevel (LHRB) door.

HC: Windstorm and hurricane code device.

Interchangeable core: A figure-8 shaped device that contains all mechanical parts for a masterkeyed system. The interchangeable core can be removed by a special control key and can be recombined without disassembling the lock. See "Figure-8."

Key override: An optional feature that enables an authorized user (in an emergency) to bypass all electronic locking features, and open the lock with a mechanical key.

Latch status sensor: A sensor that monitors whether the latchbolt is extended or retracted. This sensor can be used in combination with the door status sensor to determine whether the door is fully secure. See "LD/LDS."

Glossary (continued)

LD: Less dogging.

LDS: Latchbolt monitoring double switch.

Lock function: An ANSI code number describing the way a lock operates.

LS: Latchbolt monitoring switch.

Mortise cylinder: A threaded lock cylinder that screws directly into the lock case. A key-driven rotating cam, attached to the back, drives the locking mechanism.

Mortise: A rectangular cavity cut into the edge of a door. Also can mean the act of making such a cavity.

Mortise lock: A lock that fits into a mortise. Other locks fit into bored holes or mount to a surface. See "Mortise."

Q: Wireless access management system.

Removable core: See "Interchangeable core."

Request-to-exit switch: A switch that allows the user to exit without setting off an alarm. When wired to an alarm system, a TD or TDS switch sends a signal to disable or sound an alarm, start a timer, and so forth.

SEC: Security screws.

SNB: Sex nuts and bolts.

SVR: Surface vertical rod.

Tailpiece: A part that extends from the back of the cylinder and engages an exit device mechanism.

TDS: Touchbar monitoring double switch. See "Request-to-exit switch."

Template: A precise, detailed hole pattern that serves as a guide for the mortising and drilling of doors and frames.

TS: Touchbar monitoring switch. See "Request-to-exit switch."

VIN: Visual lock and unlock indicator.

Wire harness: A group of wires bundled together with connectors at either end.

WALW: Weatherized touchbar monitoring double switch. See "Request-to-exit switch."

WTDS: Weatherized exit alarm, remote powered.

WTS: Weatherized touchbar monitoring switch. See "Request-to-exit switch."