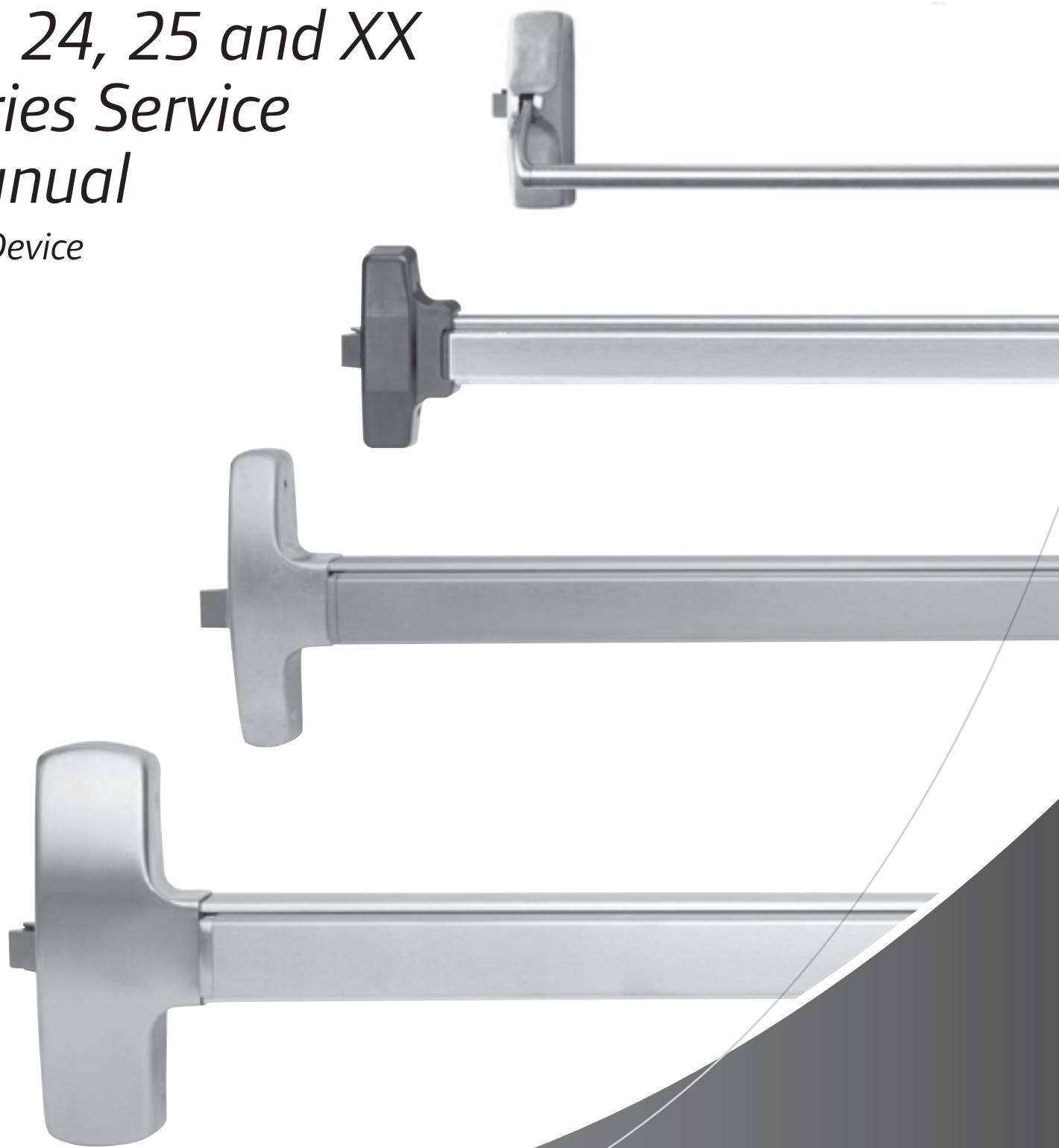


FALCON

19, 24, 25 and XX Series Service Manual

Exit Device



Need help?

Phone 877-671-7011

Fax 888-840-7735

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Introduction

This manual contains a listing of replaceable parts and assemblies for the 19, 24, 25 and XX Series exit devices. All products listed meet ANSI A156.3 Grade 1 standards.

How to Order

Some parts are sold separately. Other parts are available as part of a kit or multiple quantity package. For the best possible service when ordering replacement parts or assemblies, please provide the following information:

- Part number or assembly number
- Description
- Quantity needed
- Finish desired (available finishes shown below)

BHMA	US	Finish Description
605	US3	Brass, bright
606	US4	Brass, satin
612	US10	Bronze, satin
613	US10B	Brass, satin, oxidized, oil rubbed
619	US15	Satin Nickel Plated, clear-coated
622	US19	Dull Black, painted
625	US26	Chromium, bright

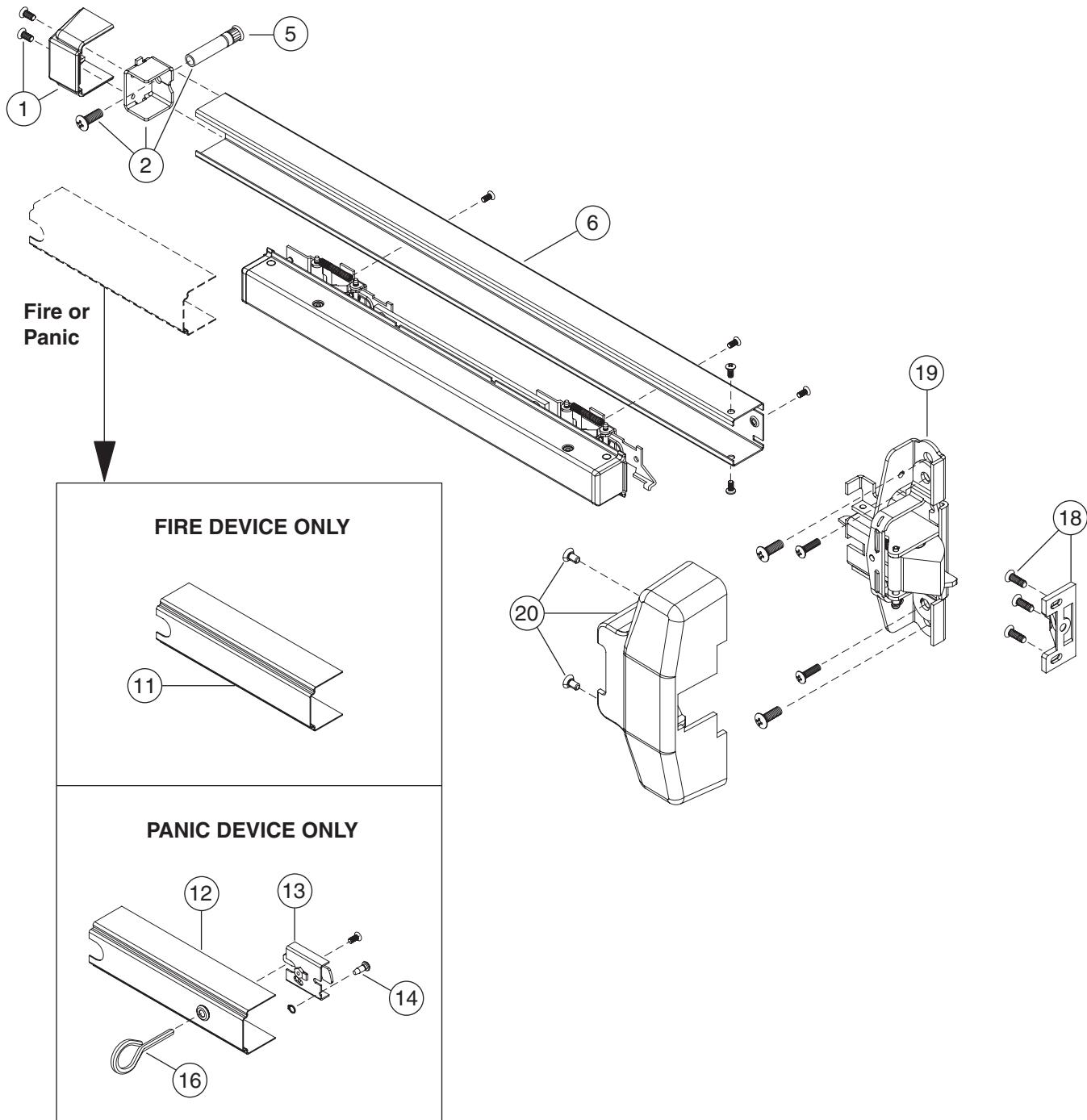
BHMA	US	Finish Description
626	US26D	Chromium, satin
628	US28	Anodized Aluminum
629	US32	Stainless Steel, polished
630	US32D	Stainless Steel, satin
689	SP28	Lacquer Sprayed Aluminum
695	SP313	Sprayed Duranodic
710	313AN	Anodized Duranodic

Part Number Changes

This manual reflects the product as sold in May 2009. Because of changes to the product and/or manufacturing processes, part numbers may change.

19 and F-19 Rim Exit Device

Fire and Panic



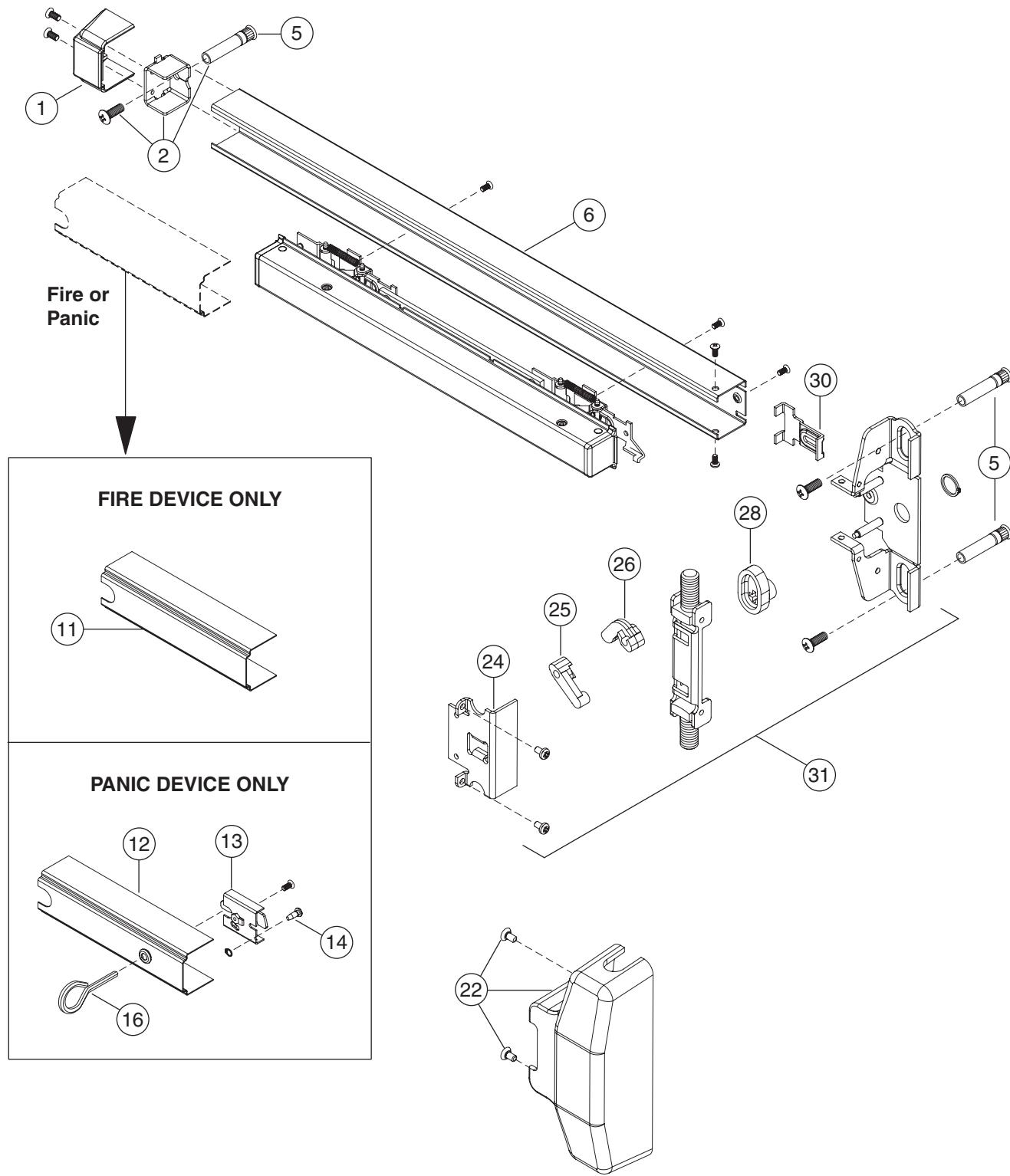
Item No.	Qty.	Part No.	Description	Notes
1	1	650343	19 Channel End Cap Kit (with screws)	
2	1	650320	19 End Cap Mounting Bracket with SNB	
5	1	4122	Sex Bolt, package of 1, includes machine screw, 1/2 - 20 x 3/4" PPHMS	A
6	1	4107	19 Channel 3' Door	A
	1	4108	19 Channel 4' Door	A
11	1	650360	F-19 Channel Cover Plate 3'	A
	1	650361	F-19 Channel Cover Plate 4'	
12	1	650297	19 Panic Hex Dogging Channel Cover, 4'	A
	1	650303	19 Panic Hex Dogging Channel Cover 3'	A
13	1	610480	19 Panic Dogging Housing	
14	1	060110	19 Panic Dogging Pin (package of 10)	
16	1	060109	19 Panic Hex Dogging Key 7/32" (package of 10)	
18	1	F570	F570 Strike (US19)	
19	1	650307	19-R Center Case Assembly	
		650374	F-19-R Center Case Assembly	
20	1	650384	19-R Center Case Cover Kit (with screws)	
*	1	060123	Electric Option Dogging Screw (package of 10)	
*	1	060124	K/L/TL Trim Lock Nut (package of 10)	
*	1	650328	19-R Mounting Package	
*	1	650329	F-19-R Mounting Package	

* Item(s) not shown

A Specify by finish: US32D or SP28/SP313

19-V and F-19-V Surface Vertical Rod Exit Device

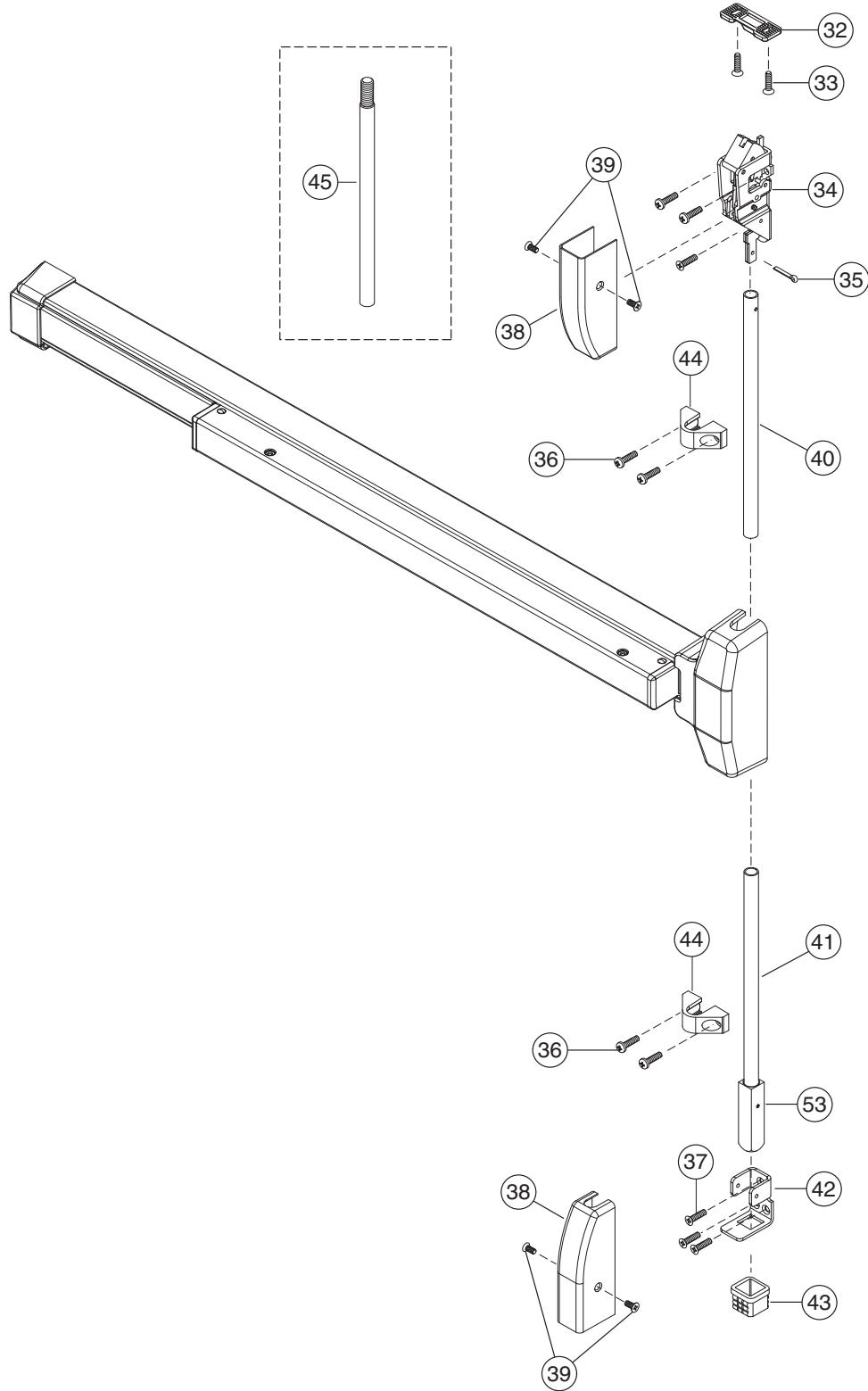
Panic and Fire



Item No.	Qty.	Part No.	Description	Notes
1	1	650343	19 Channel End Cap Kit (with screws)	
2	1	650320	19 End Cap Mounting Bracket with SNB	
5	1	4122	Sex Bolt, package of 1, includes machine screw (1/2 - 20 x 3/4" PPHMS)	A
6	1	4107	19 Channel 3' Door	A
	1	4108	19 Channel 4' Door	A
11	1	650360	F-19 Channel Cover Plate 3'	A
	1	650361	F-19 Channel Cover Plate 4'	A
12	1	650297	19 Panic Hex Dogging Channel Cover 4'	A
	1	650303	19 Panic Hex Dogging Channel Cover 3'	A
13	1	610480	19 Panic Dogging Housing	
14	1	060110	19 Panic Dogging Pin (package of 10)	
16	1	060109	19 Panic Hex Dogging Key 7/32" (package of 10)	
22	1	650385	19-V Center Case Cover Kit (with screws)	
25	1	650392	19-V Center Case Sidebar Lever	
26	1	650391	19-V Center Case Drawbar Lever	
28	1	650393	19-V Center Case Retractor Cam	
30	1	650390	19-V Drawbar	
31	1	650308	19-V Center Case LHR	
	1	650309	19-V Center Case RHR	
*	1	650330	19-V Mounting package	
*	1	650331	F-19-V Mounting package	

* Item(s) not shown

A Specify by finish: US32D or SP28/SP313

19-V and F-19-V Surface Vertical Rods and Latch Cases**Panic and Fire**

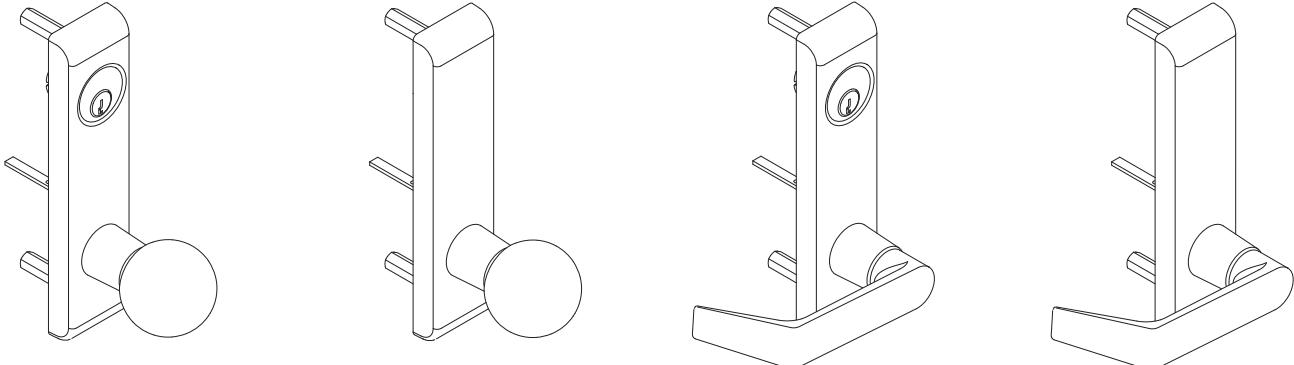
Item No.	Qty.	Part No.	Description	Notes
32	1	3788	Vertical Rod Top Strike	*
33	2	660002	#10 x 1 1/4" FPHSMS	
34	1	650389	19-V Top Latch Case	
35	1	060111	1/8" x 1" Cotter Key package of 10	
36	1	060114	Rod Guide Screws package of 10	
37	1	060113	Latch Screw package of 10	
38	2	650388	19-V Latch Case Cover Kit (with screws)	A
39	1	650337	19-V Latch Case Cover Mounting package of 4	
40	1	4286	19 Top Rod	
41	1	4288	19 Bottom Rod	
42	1	650387	Bottom Bolt Guide (screws not included)	
43	1	2130	Vertical Rod Bottom Strike	
44	2	650386	Rod Guide Kit (with screws)	
45	1	650006	19/24/25/XX-V Extension Rod 12"	A
45	1	650007	19/24/25/XX-V Extension Rod 24"	A
45	1	650008	19/24/25/XX-V Extension Rod 36"	A
53	1	610045	(F)19-V Bottom Bolt Assembly	

* For Flush Transom applications, specify part number 4215-019 angle bracket

A Specify by finish: US32D or SP28/SP313

19 Series: Control Trim, Knob (911) and Lever (912) for Rim and Vertical Device

911K, 911K-NL, 912L-BE and 912L-NL

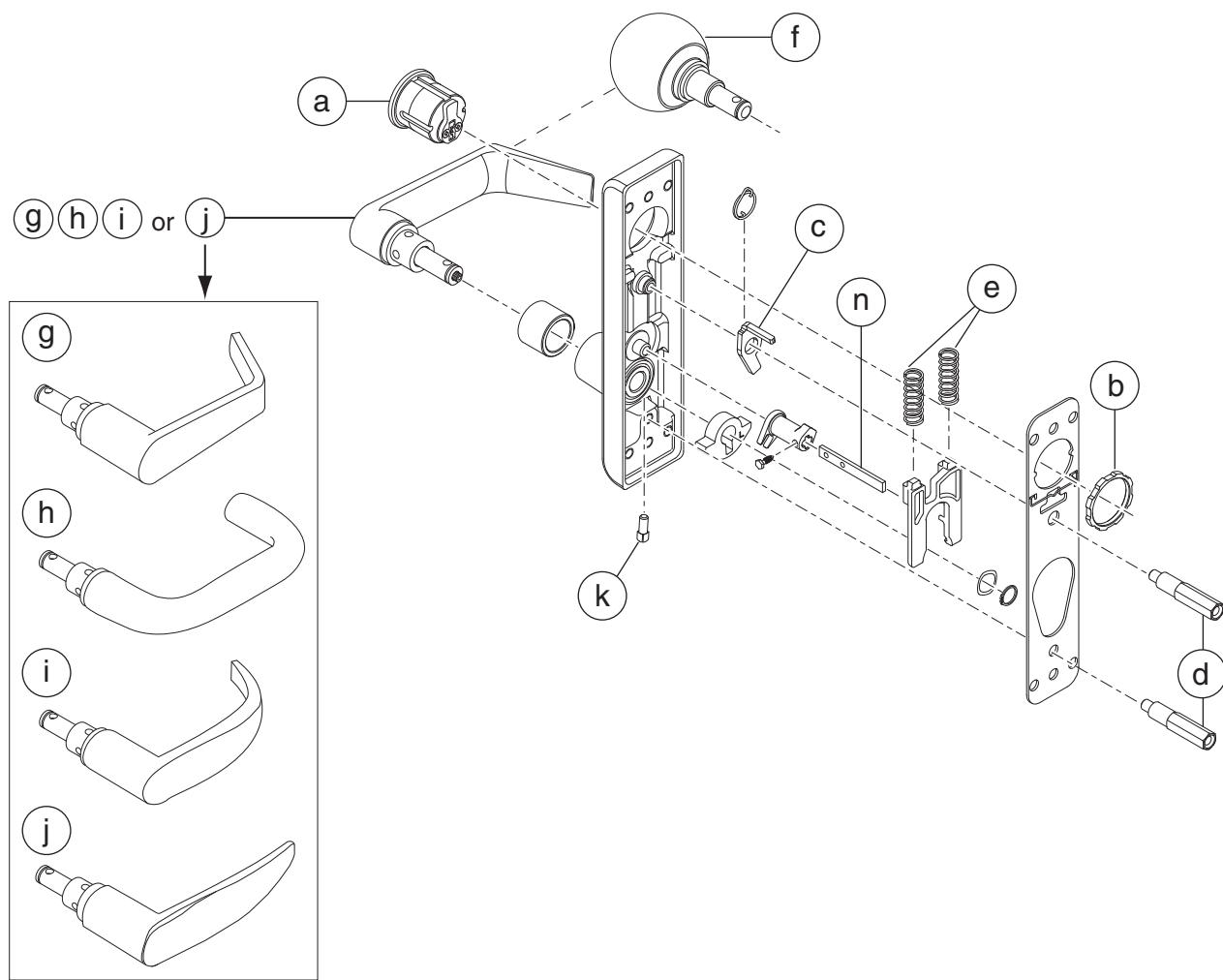


911K
911K-NL

911K-BE

912L
912L-NL

912L-BE



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/4 " Mortise Cylinder (US3, US4, US10, US10B, US26, US32, US32D)	A
b	1	050526	Cylinder Locknut package	
c	1	650314	700/900 Locking Plate	
d	2	4270	900 Series Hex Stud	
e	1	661565	700/900 Series Lever Actuator Spring	
e	1	661587	700/900 Series Knob Actuator Spring	
f	1	600298	711 Knob Assembly	A
g	1	600299	712 Dane Lever	A
h	1	600300	712 Sutro Lever	A
i	1	600301	712 Quantum Lever	A
j	1	600337	712 Avalon Lever	A
k	1	600283	Shear Pin, package of 5	
n	1	650371	Tailpiece package 1 3/4 " Door	
n	1	650372	Tailpiece package 2 1/4 " Door	

A Specify by finish shown

Specifications:

Escutcheon: 1 3/4" x 7 1/4"

Knob Projection: 4"

Lever Projection: Dane 2 1/4"

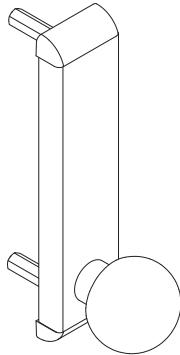
Quantum 3 1/8"

Sutro 2 13/16"

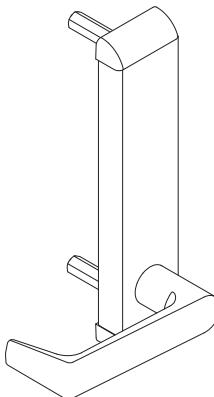
Avalon 3 1/4"

19 Series: Control Trim, Knob (911) and Lever (912) Dummy for Rim and Vertical Device

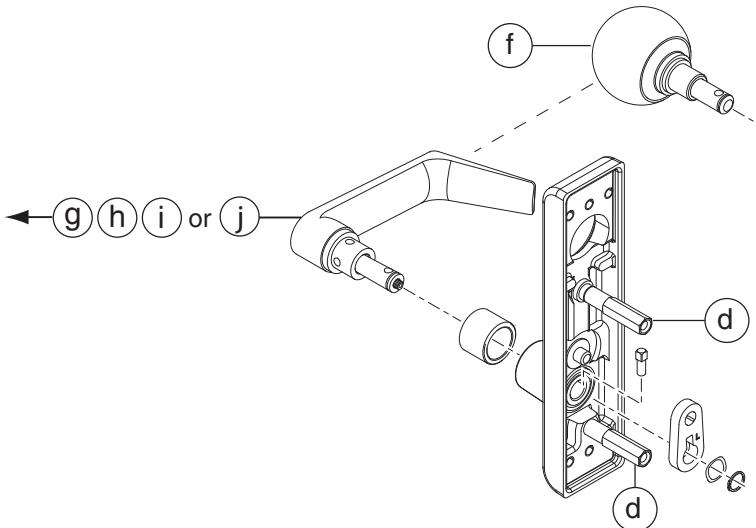
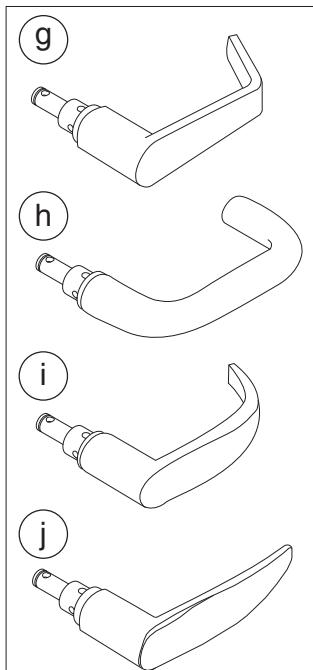
911K-DT and 912L-DT



911K-DT



912L-DT



Item No.	Qty.	Part No.	Description	Notes
d	2	4270	900 Series Hex Stud	
f	1	600298	711 Knob Assembly	A
g	1	600299	712 Dane Lever	A
h	1	600300	712 Sutro Lever	A
i	1	600301	712 Quantum Lever	A
j	1	600337	712 Avalon Lever	A

Specifications:

Escutcheon: 1 3/4" x 7 1/4"

Knob Projection: 4"

Lever Projection: Dane 2 1/4"

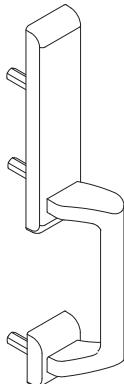
Quantum 3 1/8"

Sutro 2 13/16"

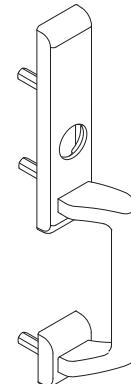
Avalon 3 1/4

19 Series: Control Trim (918) for Rim and Vertical Device

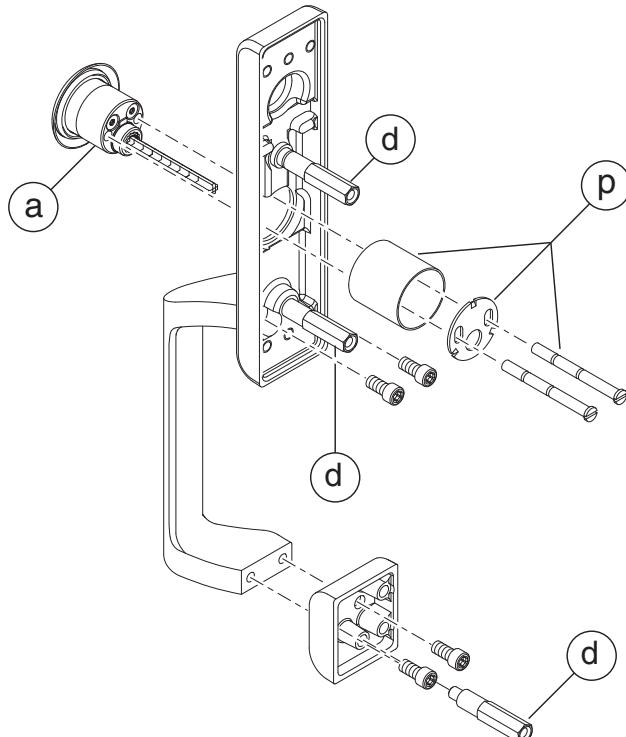
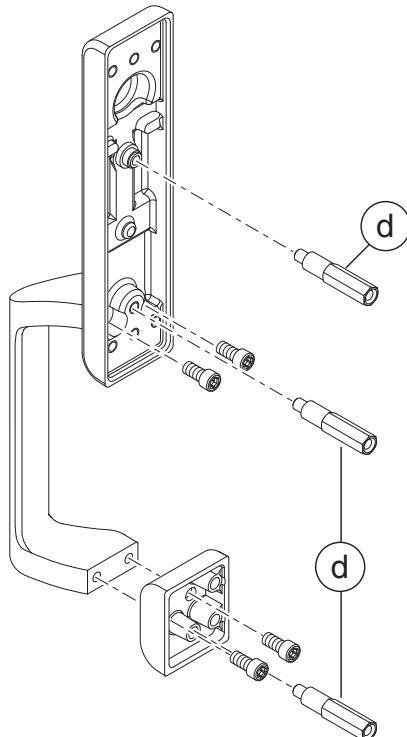
918DT and 918NL



918DT



918NL



Item No.	Qty.	Part No.	Description	Notes
a	1	951	Rim Cylinder (US3, US4, US10, US10B, US26, US32, US32D)	A
d	3	4270	900 Series Hex Stud	
p	1	600166	918NL Cylinder Mounting package	

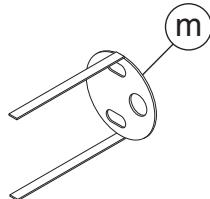
A Specify by finish shown

Specifications:

Escutcheon: 1 3/4" x 7 1/4"

Projection: 2"

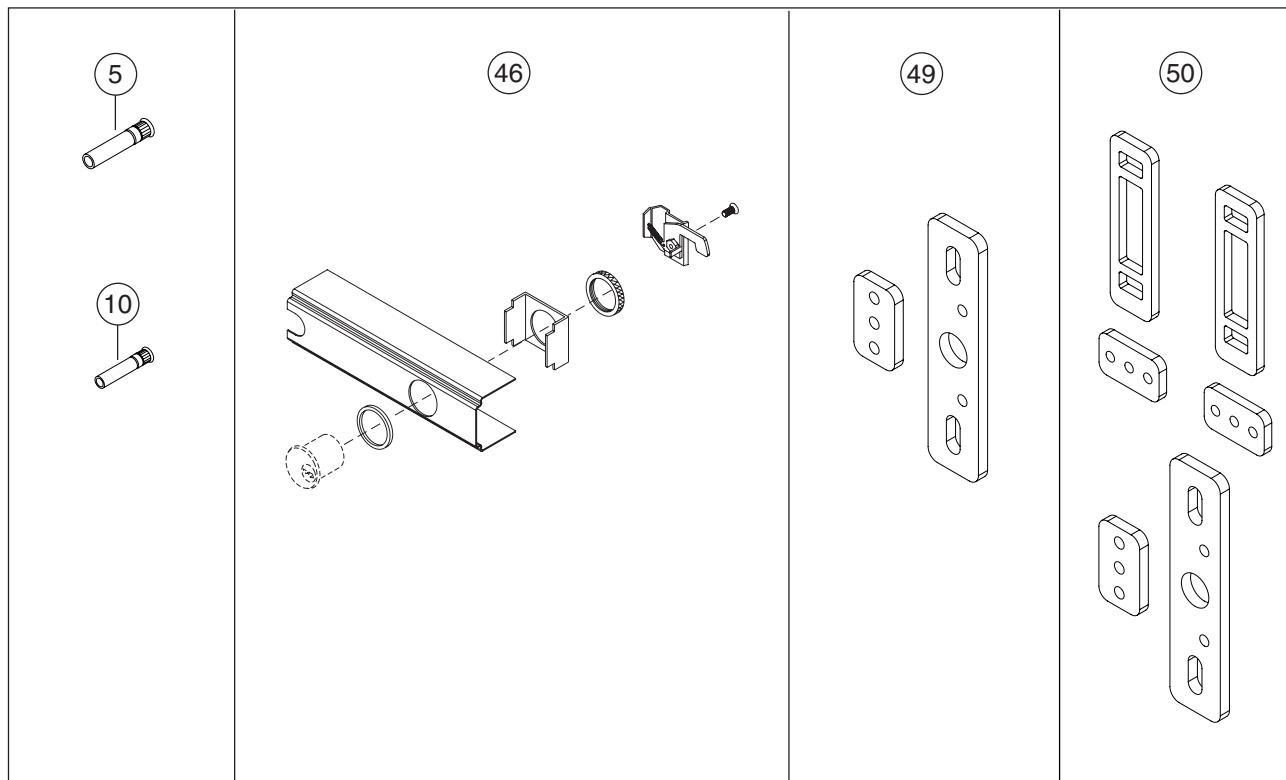
Overall Length: 13"

19 Series: Trident Trim* (920) and Centron Trim* (917, 930)**Trident:** 920DT, 920NL**Centron:** 917DT, 930EO, 930DT, 930NL and 930C

Item No.	Qty.	Part No.	Description	Notes
m	1	600315	920/930 Cylinder Anchor	

** Item(s) not shown*

19 Series: Optional Equipment



Item No.	Qty.	Part No.	Description	Notes
5	1	4122	Sex Bolt, package of 1, includes machine screw (1/2 - 20 x 3/4" PPHMS)**	A
10	1	2729P	Sex Bolt, package of 1, includes machine screw (#10-24 x 3/4" PPHMS)***	A
	1	2729F	Sex Bolt, package of 1, includes machine screw (#10-24 x 3/4" PPHMS)***	A
46	1	650060	19 Cylinder Dogging Kit 3' device	B
	1	650063	19 Cylinder Dogging Kit 4' device	B
49	1	650022	19-R 1/4" Rim Shim Kit	
50	1	650023	19-V 1/4" Surface Vertical Shim Kit	

** Sold individually, for center case (2)

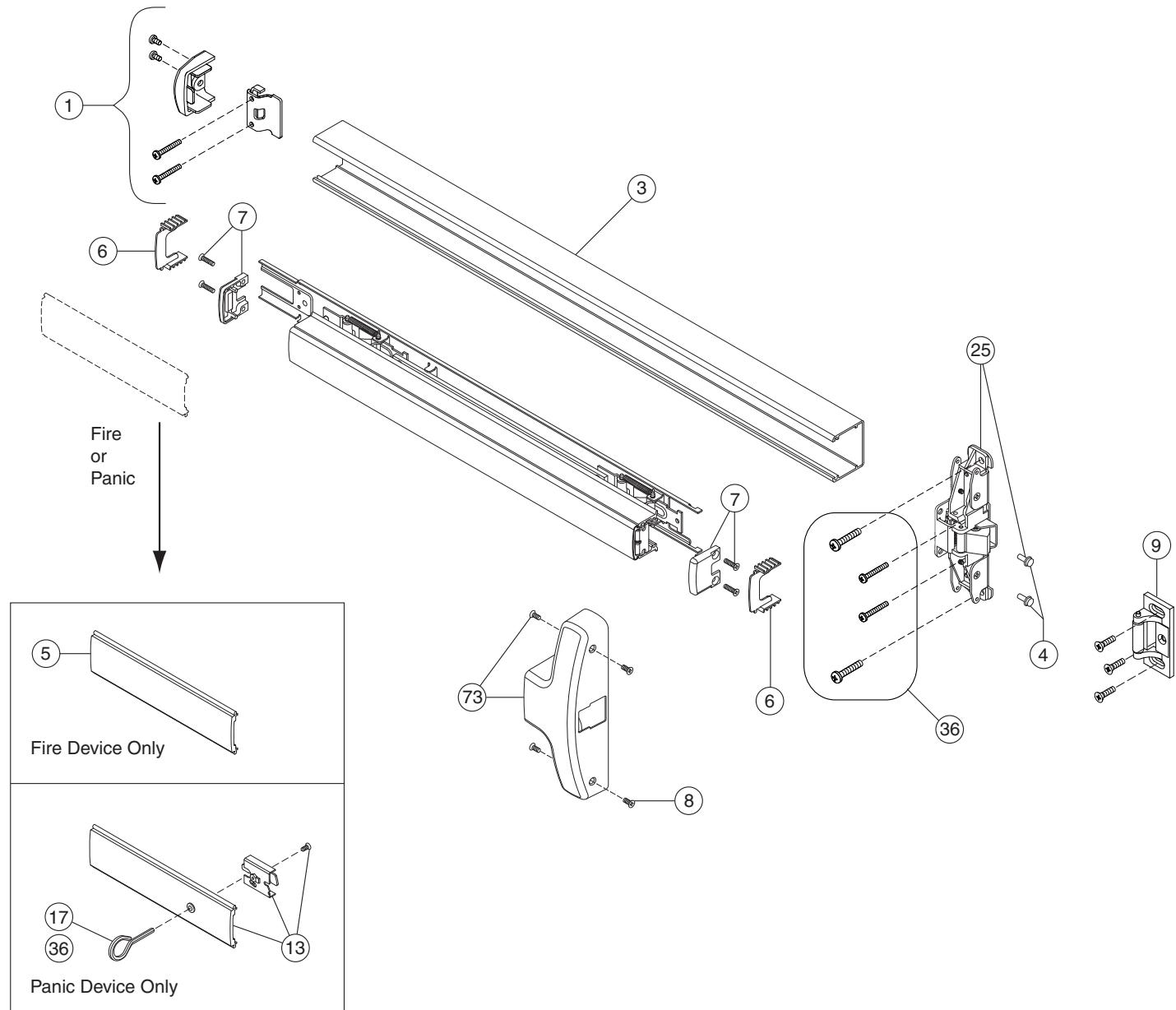
*** Sold individually, for surface vertical latches (3)

A Specify by finish: US10B or US26D

B Specify by finish: US28 or SP313

(F)24 Rim Exit Device

Panic and Fire



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes	
1	1	650294	24 Channel Endcap Kit 1¾" Door	1– Channel Endcap	A	
				2– #10-24 x ⅜" PPHMS		
				1– Channel Endcap Bracket		
				2– #10-24 x 1" PPHMS		
				2– #10 x 1¼" PPHSMS		
		650348		1– Channel Endcap	A	
				2– #10-24 x ⅜" PPHMS		
				1– Channel Endcap Bracket		
				2– #10-24 x 1" PPHMS		
				2– #10 x 1¼" PPHSMS		
3	1	661408	24 Channel 3'		A	
		661409	24 Channel 4'			
4	1	600305	24 Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite		
5	1	650121	F-24 Channel Cover 3'		A, B	
		650122	F-24 Channel Cover 4'			
6	1	600319	24 Pushbar Guide Pkg	2– Pushbar Guide		
7	1	600310	24 Pushbar Endcap Kit	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A	
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ¾" UFPHSMS	A	
9	1	299	299 Strike		C	
13	1	650187	24 Hex Dogging Kit 3'	1– Panic Channel Cover	A, B	
		650188	24 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ¾" UFPHMS		
17	1	060109	24 Panic Hex Dogging Key 7/32" package of 10			
25	1	650233	24-R Center Case Kit	1– Center Case		
		650234	F-24-R Center Case Kit	2– #10-16 x ½" Hex Washer Head Taptite		
36	1	650324	(F)24-R Mounting Pkg 1¾" Door	2– #10 x 1¼" PPHSMS	*	
				2– #14 x 1" PPHSMS	*	
				2– 1/4 - 20 x ¾" PPHMS		
				2– 10-24 x 1½" PPHMS		
				1– Dogging Key		
				2– #10 x 1¼" PPHSMS	*	
				2– #14 x 1" PPHSMS	*	
				2– 1/4 - 20 x 1¼" PPHMS	*	
73	1	650247	24-R Center Case Cover Kit	2– #10-24 x 2" PPHMS	A	
		650249	F-24-R Center Case Cover Kit	1– Center Case Cover 4– #8-18 x ¾" UFPHSMS		

* Item(s) not shown

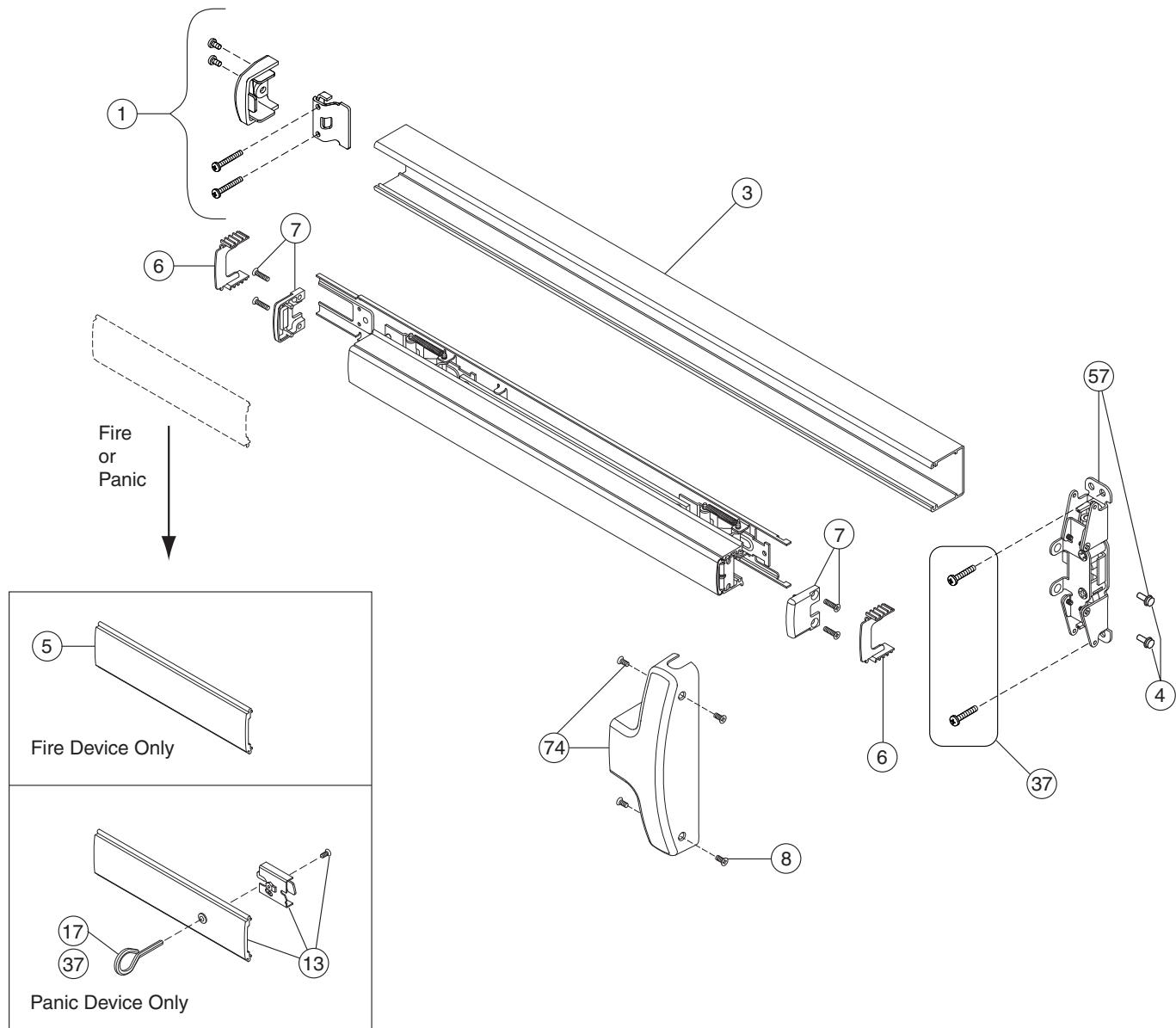
A Specify by finish: US3, US4, US10, 313AN, US26, US32, US26D, US32D, US28

B Channel Covers for CD, EA, HWEA, KOR, see page 68

C Specify by finish: US3, US4, US10, US19, US26, US26D, SP313

(F)24-V Surface Vertical Rod Exit Device

Panic and Fire



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	650294	24 Channel Endcap Kit 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
1	1	650348	24 Channel Endcap Kit 2½" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
3	1	661408	24 Channel 3'		A
		661409	24 Channel 4'		
4	1	600305	24 Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite	
5	1	650121	F-24 Channel Cover 3'		A, B
		650122	F-24 Channel Cover 4'		
6	1	600319	24 Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	24 Pushbar Endcap Kit	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	Center Case Cover Screw Pkg	4– #8-18 x ¾" UFPHSMS	A
13	1	650187	24 Hex Dogging Kit 3'	1– Panic Channel Cover	A, B
		650188	24 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ¾" UFPHSMS	
17	1	060109	24 Panic Hex Dogging Key 7/32" package of 10		
37	1	650304	24-V Mounting Pkg 1¾" - 2½" Door	4– #10 x 1¼" PPHSMS	*
				2– #10 x 1¼" FPHSMS	*
				2– #14 x 1" PPHSMS	*
				1– ⅛ x 1" Cotter Key	*
				1– Dogging Key	
		650325	F-24-V Mounting Pkg 1¾" Door	2– #10-24 x ¾" PPHMS	*
				4– #10-24 x ¾" FPHMS	*
				2– 1/4-20 x ¾" PPHMS	
		650201	F-24-V Mounting Pkg 2½" Door	1– ⅛ x 1" Cotter Key	*
				2– #10-24 x 1¼" PPHMS	*
				4– #10-24 x 1¼" FPHMS	*
				2– 1/4-20 x 1¼" PPHMS	*
				1– ⅛" x 1" Cotter Key	*
57	1	650236	(F)24-V Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	A
74	1	650251	(F)24-V Center Case Cover Kit	1– Center Case Cover	A
				4– #8-18 x ¾" UFPHSMS	

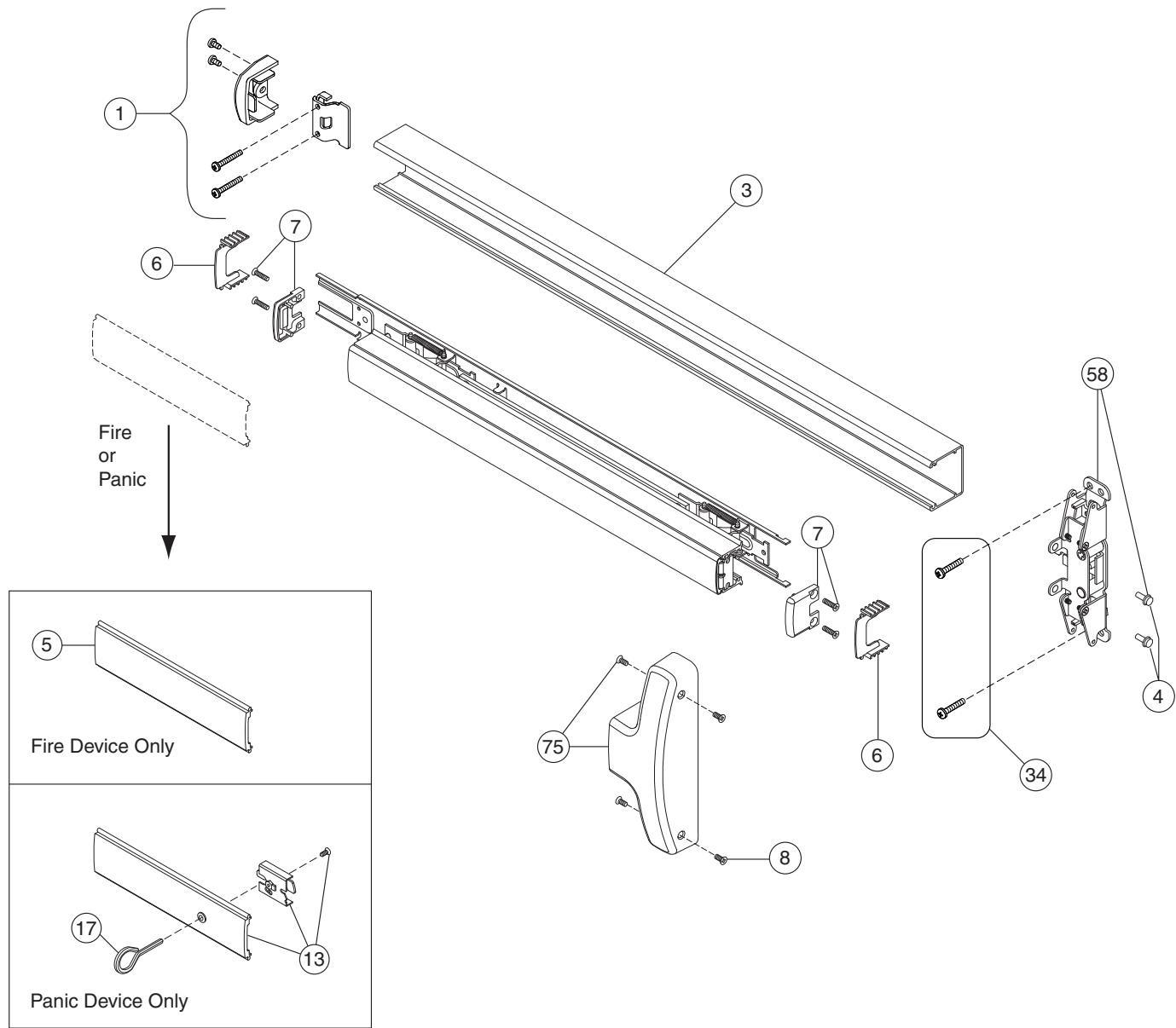
* Item(s) not shown

A Specify by finish: US3, US4, US10, 313AN, US26, US32, US26D, US32D, US28

B Channel Covers for CD, EA, HWEA, KOR, shown on page 68

(F)24-C Concealed Vertical Rod Exit Device

Panic and Fire



Note: (F)24-C Mounting Package(s) shown on page 25.

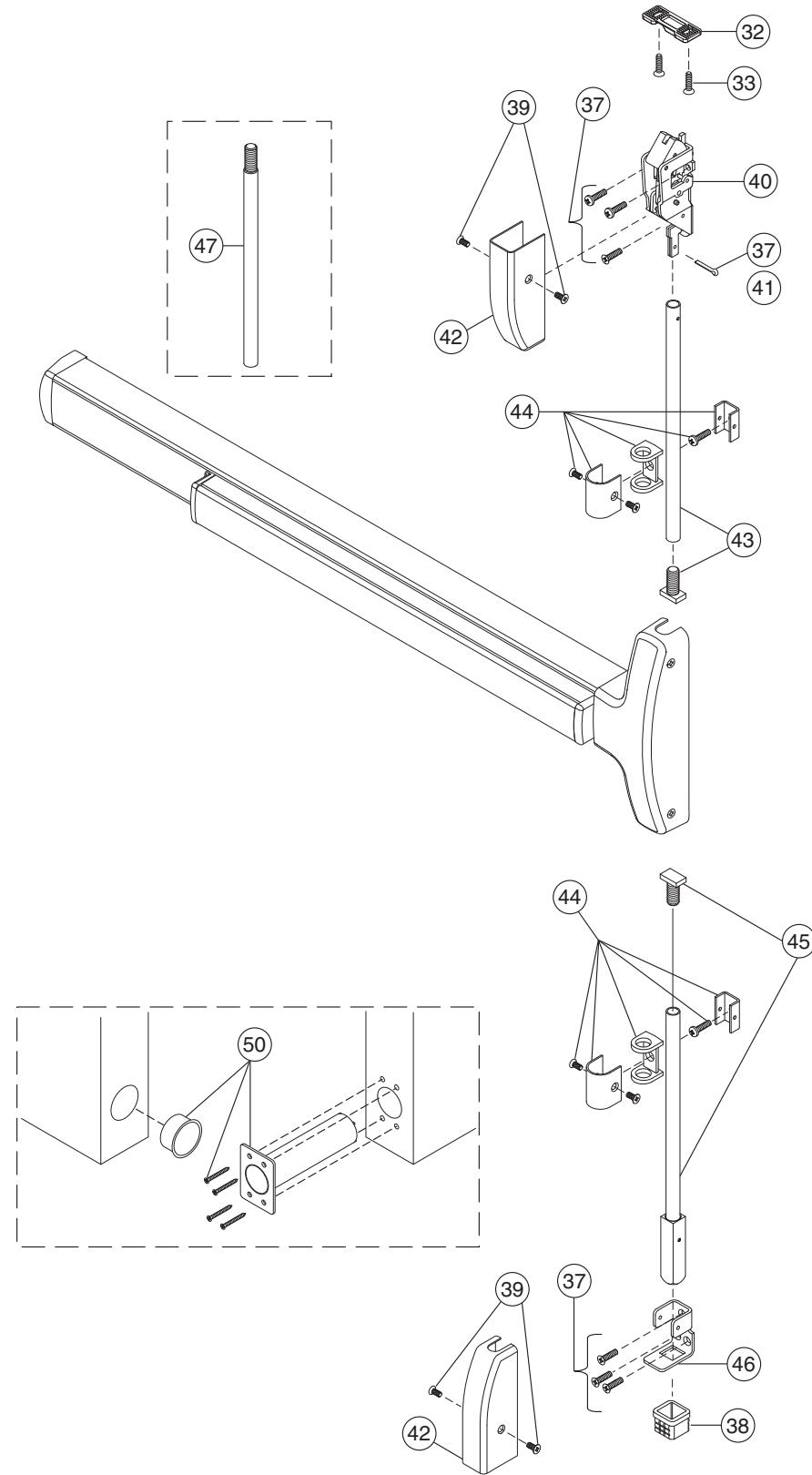
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	650294	24 Channel Endcap Kit 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
1	1	650348	24 Channel Endcap Kit 2½" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
3	1	661408	24 Channel 3'		A
		661409	24 Channel 4'		
4	1	600305	24 Channel Screw Pkg	10– #10-16 x ½" Hex Washer Head Taptite	
5	1	650121	F-24 Channel Cover 3'		A, B
		650122	F-24 Channel Cover 4'		
6	1	600319	24 Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	24 Pushbar Endcap Kit	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	24 Center Case Cover Screw Pkg	4– #8-18 x ¾" UFPHSMS	A
13	1	650187	24 Hex Dogging Kit 3'	1– Panic Channel Cover	A, B
		650188	24 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ¾" UFPHMS	
17	1	060109	24 Panic Hex Dogging Key 7/32" package of 10		
34			Included with C, F-24-C, F-24-CWDC Mounting Packages. For package details, refer to page 24 and page 27		
35					
58	1	650238	(F)24-C Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
75	1	650253	(F)24-C Center Case Cover Kit	1– Center Case 4– #8-18 x ¾" UFPHSMS	A

A Specify by finish: US3, US4, US10, 313AN, US26, US32, US26D, US32D, US28

B Channel Covers for CD, EA, HWEA, KOR, shown on page 68

(F)24-V Surface Vertical Rods and Latches

Panic and Fire



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes	
32	1	3788	Vertical Rod Top Strike		**	
33	2	660002	#10 x 1 1/4" FPHSMS			
37	1	650304	24-V Mounting Pkg 1 3/4" - 2 1/4" Door	2- #10 x 1 1/4" PPHSMS	*	
				4- #10 x 1 1/4" FPHSMS	*	
		650325	F-24-V Mounting Pkg 1 3/4" Door	2- #14 x 1" PPHSMS	*	
				1- 1/8 x 1" Cotter Key		
		650201	F-24-V Mounting Pkg 2 1/4" Door	1- Dogging Key	*	
				2- #10-24 x 3/4" PPHMS	*	
				4- #10-24 x 3/4" FPHMS		
				2-1/4-20 x 3/4" PPHMS	*	
				1- 1/8 x 1" Cotter Key		
				2- #10-24 x 1 1/4" PPHMS	*	
				4- #10-24 x 1 1/4" FPHMS	*	
				2-1/4-20 x 1 1/4" PPHMS	*	
				1- 1/8" x 1" Cotter Key		
39	1	650336	24-V Latch Case Cover Screw Pkg	4- #8-32 x 1/4" UFPHMS		
40	1	650389	24-V Top Latch Case - Panic			
		650375	24-V Top Latch Case - Fire			
41	1	060111	1/8" x 1" Cotter Key package of 10			
42	2	650202	24-V Latch Case Cover		B	
43	1	4450	24-V Top Rod Kit		B	
44	2	650311	24-V Rod Guide Kit		C	
45	1	610056	24-V Bottom Bolt Kit		B	
46	1	650387	24-V Bottom Guide Assembly (screws not included)			
47	1	650006	Vertical Extension Rod 12"			
		650007	Vertical Extension Rod 24"			
		650008	Vertical Extension Rod 36"		A	
50	1	5494	F-24-C Auxiliary Fire Pin Kit (Less Bottom Rod applications only)			

* Item(s) not shown

** For Flush Transom applications, specify part number 4215-019 angle bracket

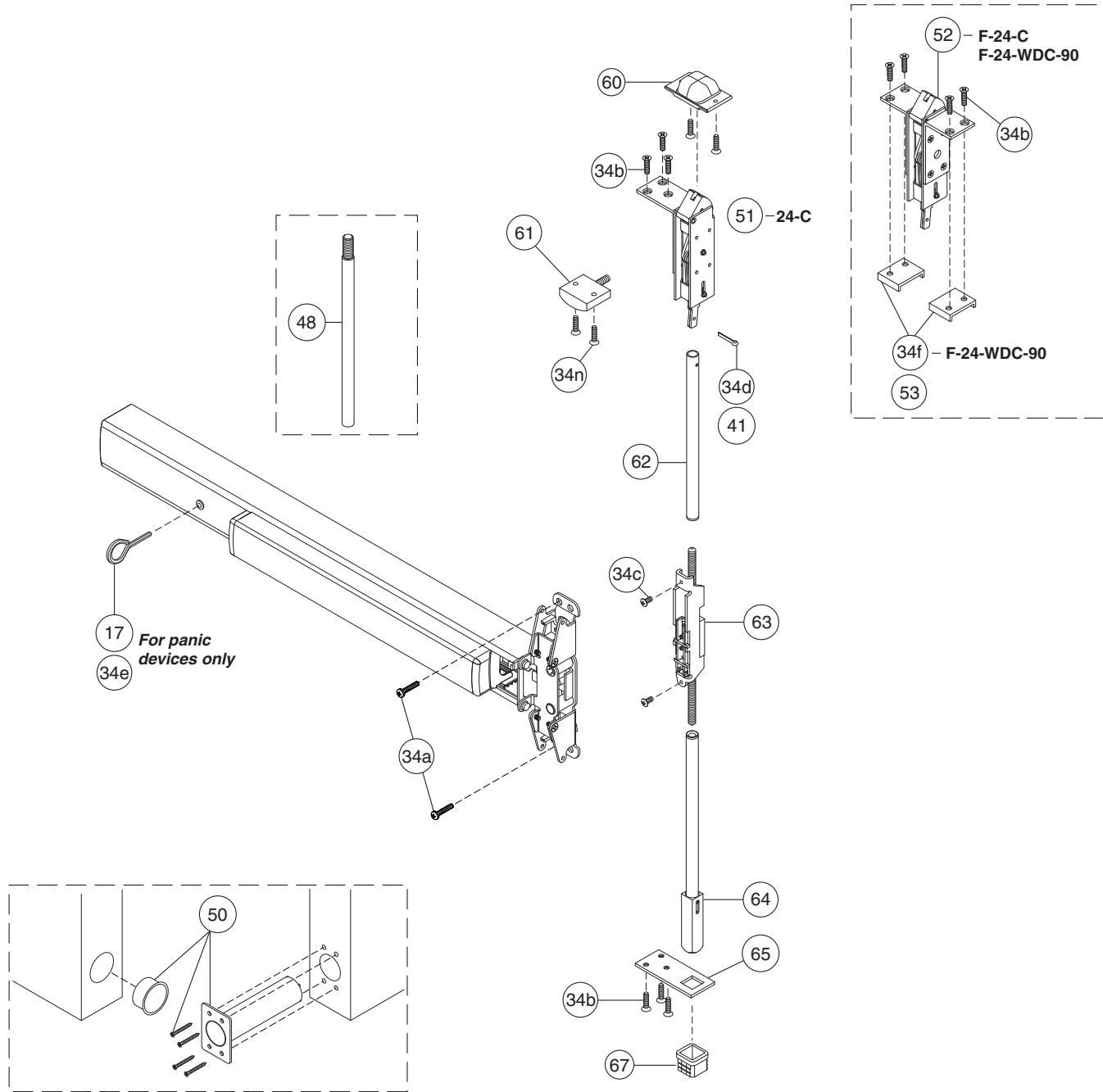
A Specify by finish: US3, US4, US10, US10B, US32, US32D, SP28, SP313

B Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, SP28, SP313

C Specify by finish: US3, US4, US10, US26, US32, US32D, SP28, SP313

(F)24-C and F-24-C-WDC-90 Concealed Vertical Rods and Latches

Metal Door—Panic and Fire, Wood Door—90 Minute Fire Device



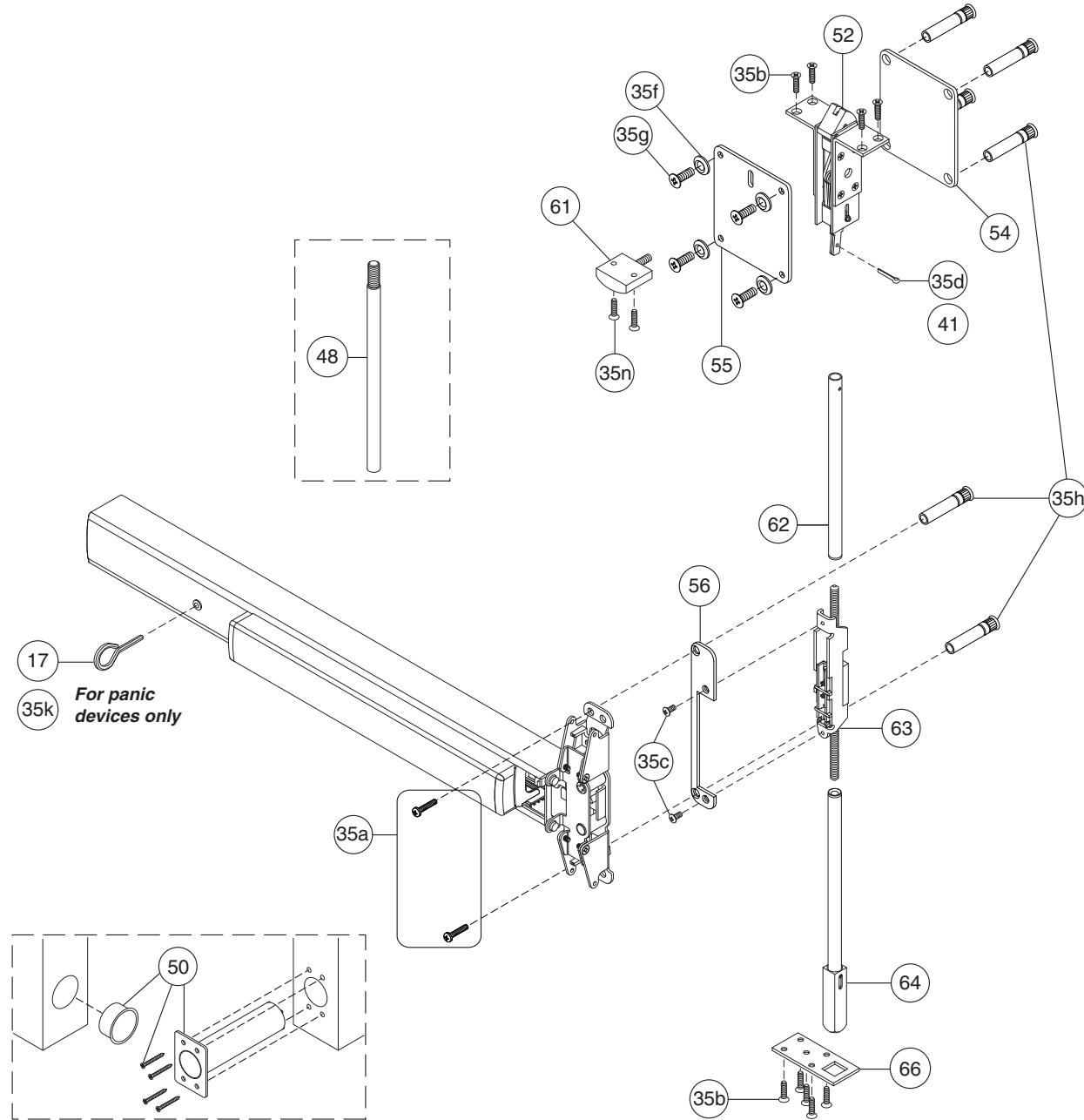
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
17	1	060109	24 Panic Hex Dogging Key $\frac{7}{32}$ " package of 10		
				34a 8- #10-24 x $\frac{3}{4}$ " PPHMS 34b 7- #10-24 x $\frac{3}{4}$ " FPHMS 34c 2- #8-32 x $\frac{3}{8}$ " UFPHMS 34d 1- $\frac{1}{8}$ x 1" Cotter Key — 2- 1/4-20 x $\frac{3}{4}$ " PPHMS	*
		650317	F-24-C Mounting Pkg 1 $\frac{3}{4}$ " Door	34a 8- #10 x 1 $\frac{1}{4}$ " PPHSMS 34b 6- #10-24 x $\frac{3}{4}$ " FPHMS 34c 2- #8-32 x $\frac{3}{8}$ " UFPHMS 34d 1- $\frac{1}{8}$ x 1" Cotter Key 34e 1- Dogging Key — 2- #14 x 1" PPHSMS	*
		650318	24-C Mounting Pkg 1 $\frac{3}{4}$ " Door	34a 4- #10 x 1 $\frac{1}{4}$ " PPHSMS 34b 3- #10 x 1 $\frac{1}{4}$ " FPHSMS 34c 2- #8-32 x $\frac{3}{8}$ " UFPHMS 34d 1- $\frac{1}{8}$ x 1" Cotter Key 34f 2- Latch Bracket — 2- 1/4-20 x $\frac{3}{4}$ " PPHMS	*
34	1	650327	F-24-CWDC 90 Minute Mounting Pkg 1 $\frac{3}{4}$ " Door	34n 6- #10-24 x $\frac{3}{4}$ " FPHMS 34a 8- #10 x 1 $\frac{1}{4}$ " PPHSMS 34b 6- #10-24 x 1 $\frac{1}{4}$ " FPHMS 34c 2- #8-32 x $\frac{3}{8}$ " UFPHMS 34d 1- $\frac{1}{8}$ x 1" Cotter Key 34e 1- Dogging Key — 2- #14 x 1" PPHSMS	*
		650300	24-C Mounting Pkg 2 $\frac{1}{4}$ " Door	34a 8- #10-24 x 1 $\frac{1}{4}$ " PPHMS 34b 7- #10-24 x 1 $\frac{1}{4}$ " FPHMS 34c 2- #8-32 x $\frac{3}{8}$ " UFPHMS 34d 1- $\frac{1}{8}$ x 1" Cotter Key 34e 1- Dogging Key — 2- 1/4-20 x 1 $\frac{1}{4}$ " PPHMS	*
		650346	F-24-C Mounting Pkg 2 $\frac{1}{4}$ " Door	34a 8- #10-24 x 1 $\frac{1}{4}$ " PPHMS 34b 7- #10-24 x 1 $\frac{1}{4}$ " FPHMS 34c 2- #8-32 x $\frac{3}{8}$ " UFPHMS 34d 1- $\frac{1}{8}$ x 1" Cotter Key — 2- 1/4-20 x 1 $\frac{1}{4}$ " PPHMS	*
41	1	060111	$\frac{1}{8}$ x 1" Cotter Key package of 10		
48	1	650017	Concealed Vertical Extension Rod 12"		
		650018	Concealed Vertical Extension Rod 24"		
		650019	Concealed Vertical Extension Rod 36"		
50	1	5494	F-24-C Auxiliary Fire Pin Kit (Less Bottom Rod application only)		
51	1	603L	24-C, C-WDC Top Latch Case - LHR		
	1	603R	24-C, C-WDCTop Latch Case - RHR		
52	1	F603	F-24-C, C-WDC Top Latch Case		
53	2	4694	F-24-CWDC Latch Bracket		
60	1	4188	Concealed Vertical Top Rod Strike		
61	1	650339	(F)24-C, CWDC Top Latch Release Kit		A
62	1	610061	(F)24-C, CWDC Top Rod Kit		
63	1	650351	(F)24-C, CWDC Center Slide Assembly		
64	1	610057	(F)24-C, CWDC Bottom Rod Kit		
65	1	4567	24-C Bottom Bolt Guide		
67	1	2130	Vertical Rod Bottom Strike		

* Item(s) not shown

A Specify by finish: US3, US4, US10, 313AN, US26, US32, US26D, US32D, SP28

24-C-WDC and F-24-C-WDC-20 Concealed Vertical Rods Latches

Wood Door—Panic Devices, Wood Door—20 Minute Fire Device



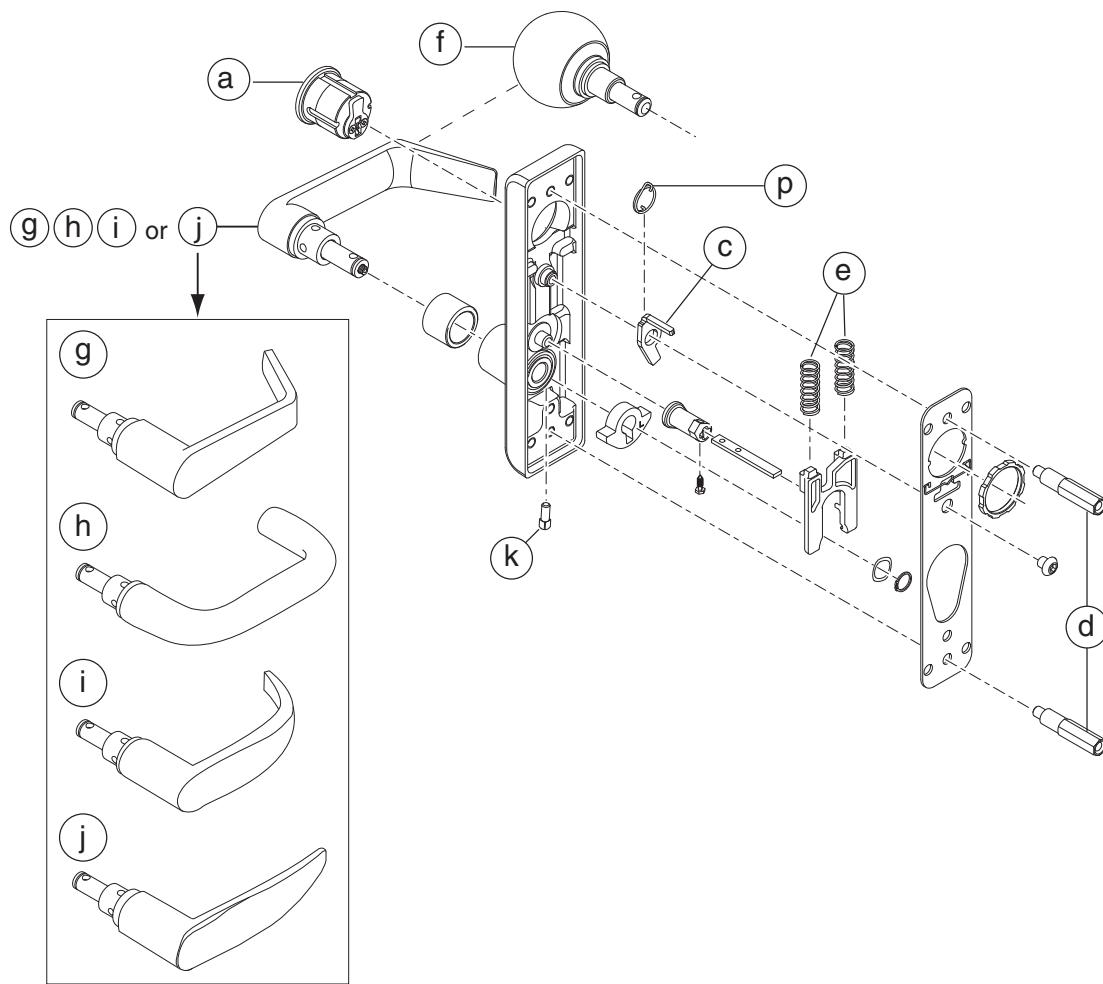
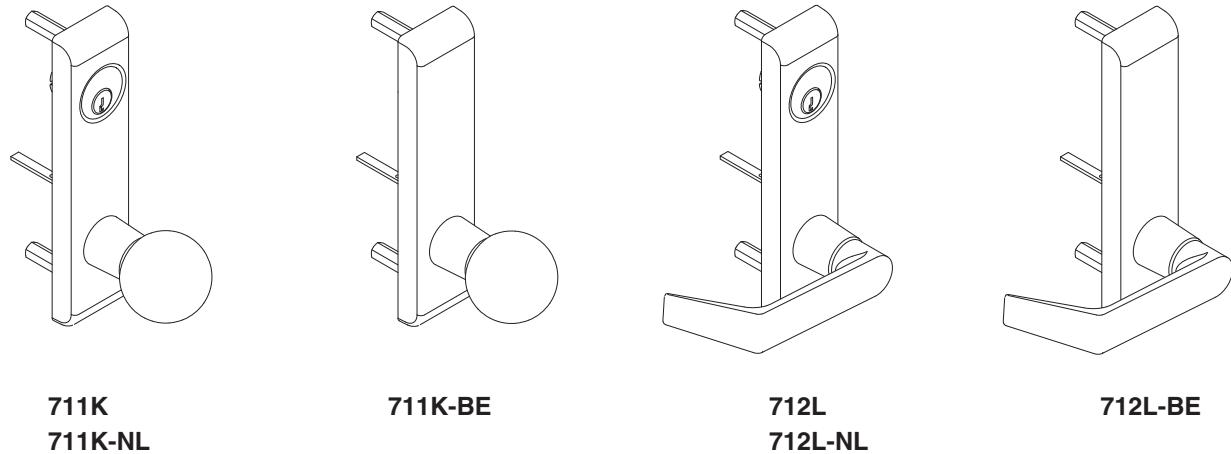
Item No.	Qty.	Part No.	Description	Pkg Contents		Notes
17	1	060109	24 Panic Hex Dogging Key $\frac{7}{32}$ " package of 10			
35	1	650326	24-CWDC Mounting Pkg 1 $\frac{3}{4}$ " Door	35a	2- 1/4-20 x 3/4" PPHMS	A
				—	4- #10-24 x 1" PPHMS *	
				35b	11- #10 x 1 $\frac{1}{4}$ " FPHSMS	
				35c	2- #8-32 x $\frac{3}{8}$ " UFPHMS	
				—	2- 3/4" CS Plate Mtg Screw *	
				35d	1- 1/8 x 1" Cotter Key	
				35f	4- 1/4" CS Finish Washer	
				35g	4- 1/4-20 x 3/4" FPHMS	
				35h	6- 1/4-20 Sexbolt	
				35k	1- Dogging Key	
				35n	2- #10-24 x 3/4" FPHMS	
				—	2- #10-24 x 3/4" FPHMS *	
				35a	2- 1/4-20 x 3/4" PPHMS	
				35b	11- #10 x 1 $\frac{1}{4}$ " FPHSMS	
35	1	650327	F-24-CWDC 20 Minute Mounting Pkg 1 $\frac{3}{4}$ " Door	35c	2- #8-32 x $\frac{3}{8}$ " UFPHMS	A
				35d	1- 1/8 x 1" Cotter Key	
				—	2- 3/4" CS Plate Mtg Screw *	
				35f	4- 1/4" CS Finish Washer	
				35g	4- 1/4-20 x 3/4" FPHMS	
				35h	6- 1/4-20 Sexbolt	
				—	4- #10-24 x 1" PPHMS *	
				35n	2- #10-24 x 3/4" FPHMS	
				—	2- #10-24 x 3/4" FPHMS *	
				35a	2- 1/4-20 x 1 $\frac{1}{4}$ " PPHMS	
				—	4- #10-24 x 1" PPHMS *	
				35b	11- #10 x 1 $\frac{1}{4}$ " FPHSMS	
				35c	2- #8-32 x $\frac{3}{8}$ " UFPHMS	
41	1	650298	24-CWDC Mounting Pkg 2 $\frac{1}{4}$ " Door	—	2- #8-32 x $\frac{3}{8}$ " UFPHMS *	A
				35d	1- 1/8 x 1" Cotter Key	
				—	2- 3/4" CS Plate Mtg Screw *	
				35f	4- 1/4-20 x 1 $\frac{1}{4}$ " FPHMS	
				35g	4- 1/4" CS Finish Washer	
				35h	6- 1/4-20 Sexbolt	
				35n	2- #10-24 x 3/4" FPHMS	
41	1	060111	1/8 x 1" Cotter Key package of 10			
48	1	650017	Concealed Vertical Extension Rod 12"			
		650018	Concealed Vertical Extension Rod 24"			
		650019	Concealed Vertical Extension Rod 36"			
49	1	WF603	F-24-C-WDC Top Latch Case			*
50	1	5494	F-24-C Auxiliary Fire Pin Kit (Less Bottom Rod application only)			
54	1	4833	Top Reinforcement Plate			A
55	1	4834	Top Reinforcement Plate with Access Hole			A
56	1	4832	(F)24-CWDC Center Slide Reinforcement Plate			
61	1	650339	(F)24-C, CWDC Top Latch Release Kit			A
62	1	610061	(F)24-C, CWDC Top Rod Subassembly			
63	1	650376	(F)24-C, CWDC Center Slide Assembly			
64	1	610057	(F)24-C, CWDC Bottom Rod Kit			
66	1	4835	24-CWDC Bottom Bolt Guide			

* Item(s) not shown

A Specify by finish: US3, US4, US10, 313AN, US26, US32, US26D, US32D, SP28

24 Series: Knob (711) and Lever (712) Trim—Rim and Vertical Device

711K, 711K-BE, 711K-NL, 712L, 712L-BE and 712L-NL



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/4 " Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	661560	700/900 Locking Plate	
d	2	4270	700 Series Trim Hex Stud	
e	1	661565	700 Series Lever Actuator Spring	
	1	661587	700 Series Knob Actuator Spring	
f	1	600298	711 Knob Assembly	A
g	1	600299	712 Dane Lever	A
h	1	600300	712 Sutro Lever	A
i	1	600301	712 Quantum Lever	A
j	1	600337	712 Avalon Lever	A
k	1	600283	Shear Pin, package of 5	
p	1	600339	700/900 NL Spring Package	

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

B Specify by finish shown

Specifications:

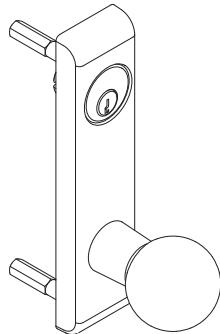
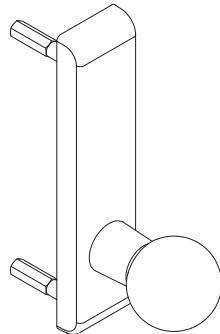
Escutcheon: 1 3/4" x 7 1/4"t

Knob Projection: 4"

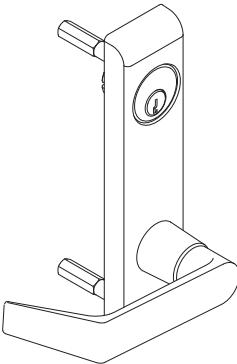
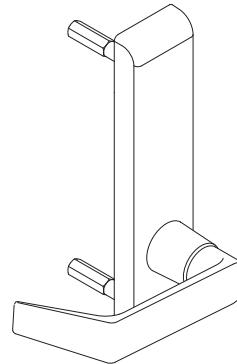
Lever Projection:	Dane	2 1/4"
	Quantum	3 1/8"
	Sutro	2 13/16"
	Avalon	3 1/4"

24 Series: Knob (711) and Lever (712) Trim—Concealed Device

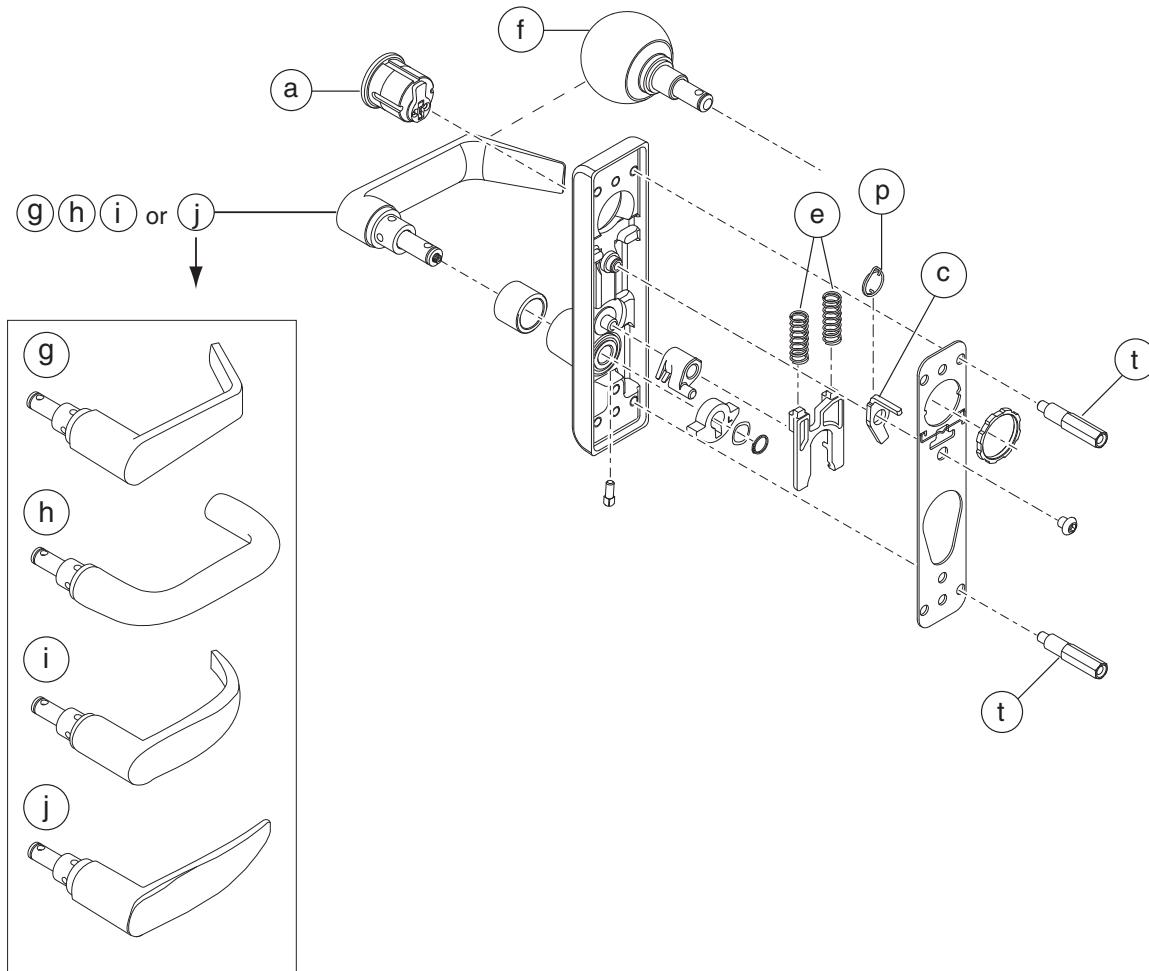
711K, 711K-BE, 711K-NL, 712L, 712L-BE and 712L-NL

711K
711K-NL

711K-BE

712L
712L-NL

712L-BE



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/4 " Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	661560	700/900 Locking Plate	
f	1	600298	711 Knob Assembly	A
g	1	600299	712 Dane Lever	A
h	1	600300	712 Sutro Lever	A
i	1	600301	712 Quantum Lever	A
j	1	600337	712 Avalon Lever	A
t	2	4349	Control Hex Stud	

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

B Specify by finish shown

Specifications:

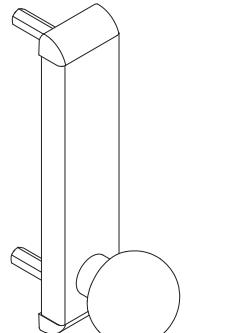
Escutcheon: 1 3/4" x 7 1/4"

Knob Projection: 4"

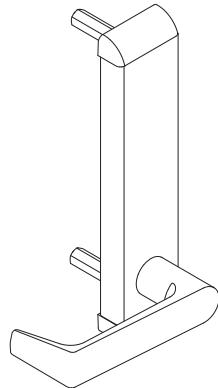
Lever Projection:	Dane	2 1/4"
	Quantum	3 1/8"
	Sutro	2 13/16"
	Avalon	3 1/4"

24 Series: Knob (711) and Lever (712) Dummy Trim for Rim, Vertical and Concealed Device

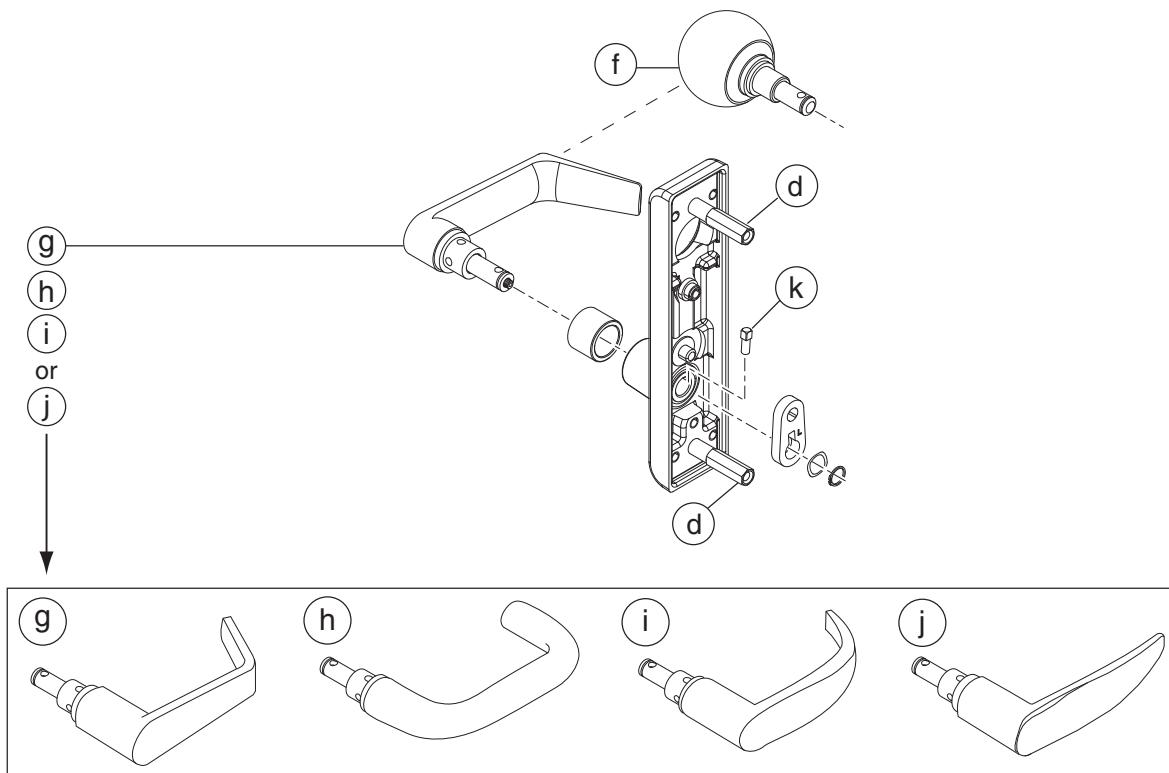
711K-DT and 712L-DT



711K-DT



712L-DT



Item No.	Qty.	Part No.	Description	Notes
d	2	4270	700 Series Trim Hex Stud	
f	1	600298	711 Knob Assembly	A
g	1	600299	712 Dane Lever	A
h	1	600300	712 Sutro Lever	A
i	1	600301	712 Quantum Lever	A
j	1	600337	712 Avalon Lever	A
k	1	600283	Shear Pin, package of 5	

A Specify by finish: SP28, SP313, US3, US4, US10, US15, US26, US26D

Specifications:

Escutcheon: 1 $\frac{3}{4}$ " x 7 $\frac{1}{4}$ "

Knob Projection: 4"

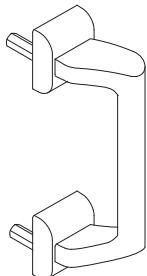
Lever Projection: Dane 2 $\frac{1}{4}$ "
Quantum 3 $\frac{1}{8}$ "
Sutro 2 $\frac{13}{16}$ "
Avalon 3 $\frac{1}{4}$ "

24 Series: Athena (715) Pull and Delta Pull (717, 718) Trim for Rim and Vertical Device

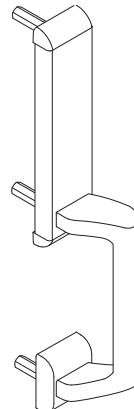
715DT, 717DT and 718DT



715DT



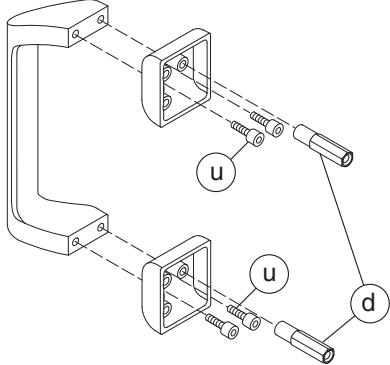
717DT



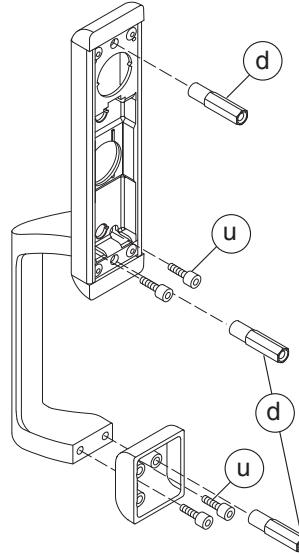
718DT



715DT



717DT



718DT

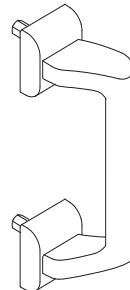
Item No.	Qty.	Part No.	Description	Notes
d	3	4270	700 Series Trim Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package (10- 1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	

Specifications:

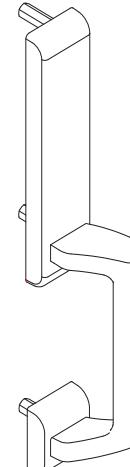
715DT Grip Overall: 1 $\frac{5}{8}$ " x 9"
 715DT Pull: 6 $\frac{1}{4}$ " C - C
 715DT Projection: 2 $\frac{1}{4}$ "
 Delta Pull Projection: 2"
 718DT Escutcheon: 1 $\frac{3}{4}$ " x 7 $\frac{1}{4}$ "
 718DT Overall Length: 13"

24 Series: Delta Pull (717, 718) Trim for Concealed Devices

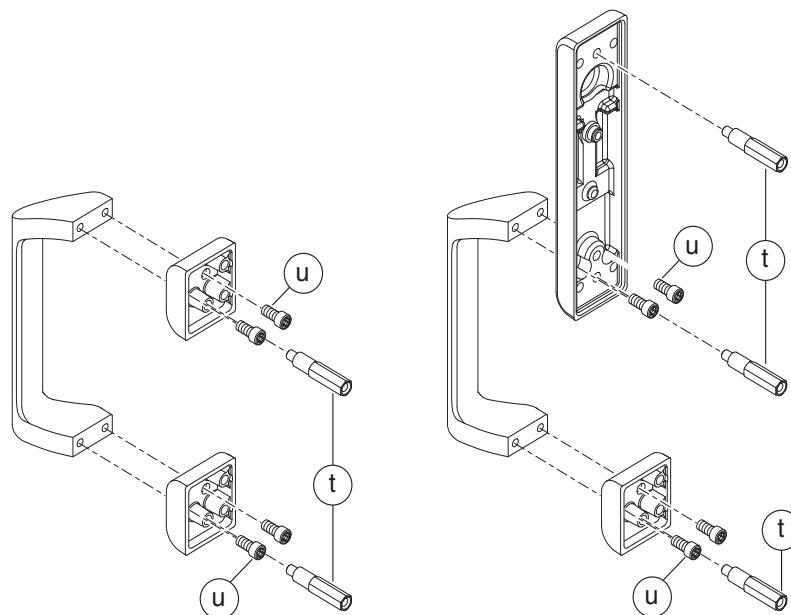
717DT and 718DT



717DT



718DT



Item No.	Qty.	Part No.	Description	Notes
t	3	4349	Control Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package (10- 1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	

Specifications:

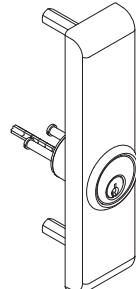
Delta Pull Projection: 2"

718DT Escutcheon: 1 3/4" x 7 1/4"

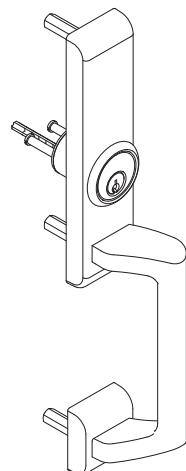
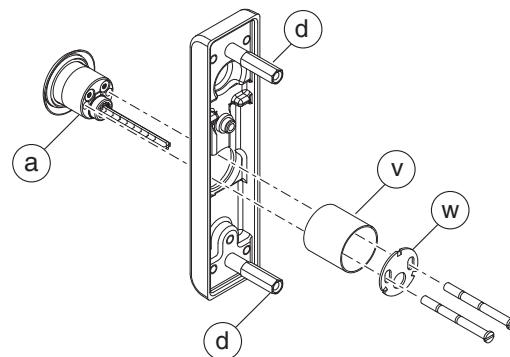
718DT Overall Length: 13"

24 Series: Delta (718) Trim for Rim and Vertical Device

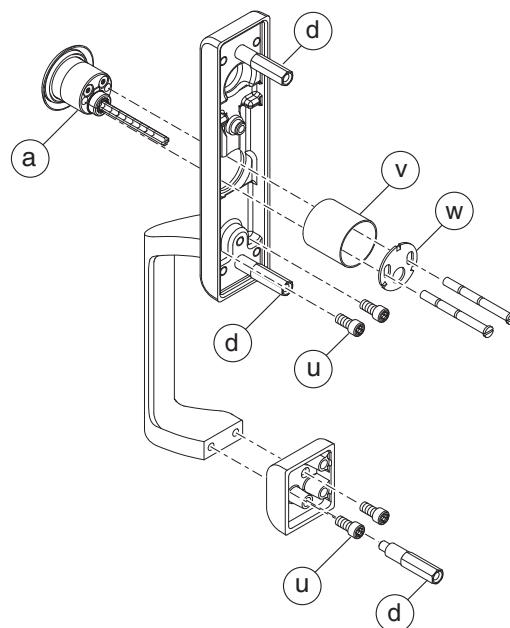
718C and 718-NL



718C



718NL



Item No.	Qty.	Part No.	Description	Notes
a	1	951	Rim Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
d	3	4270	700 Series Trim Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package (10- 1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	
v	1	4120	718C/NL Cylinder Spacer Collar	
w	1	4121	718C/NL Cylinder Anchor Plate	

B Specify by finish shown

Specifications:

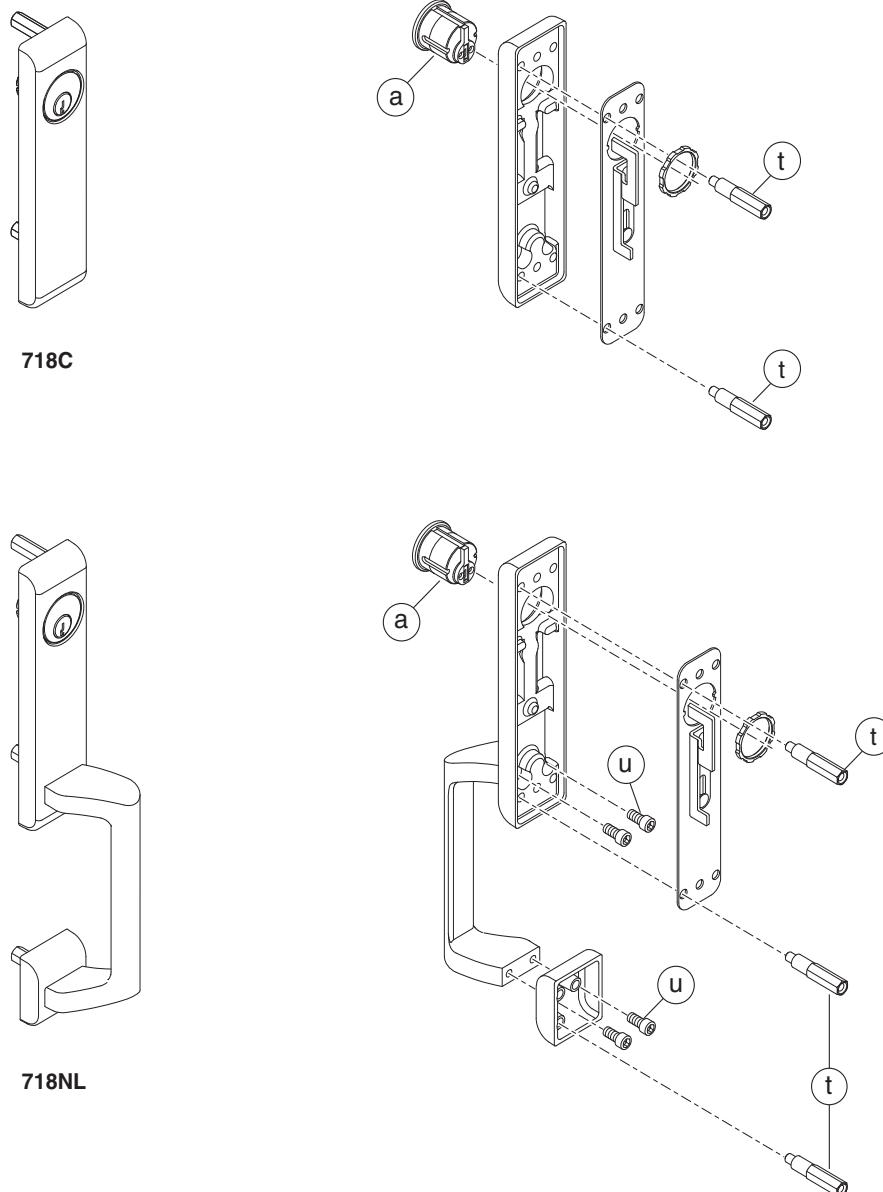
Delta Pull Projection: 2"

Escutcheon: 1 3/4" x 7 1/4"

Overall Length: 13"

24 Series: Delta (718) Trim for Concealed Device

718C and 718-NL



Item No.	Qty.	Part No.	Description	Notes
a	1	985	1 1/8" Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
t	3	4349	Control Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package (10- 1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	

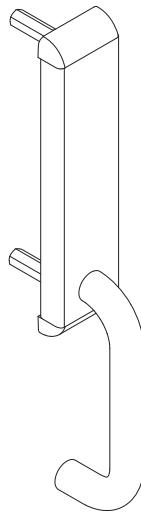
B Specify by finish shown

Specifications:

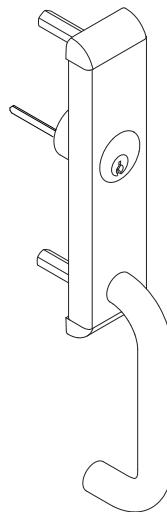
Delta Pull Projection: 2"
 Escutcheon: 1 3/4" x 7 1/4"
 Overall Length: 13"

24 Series: Control Pull Trim (710) for Rim and Vertical Device

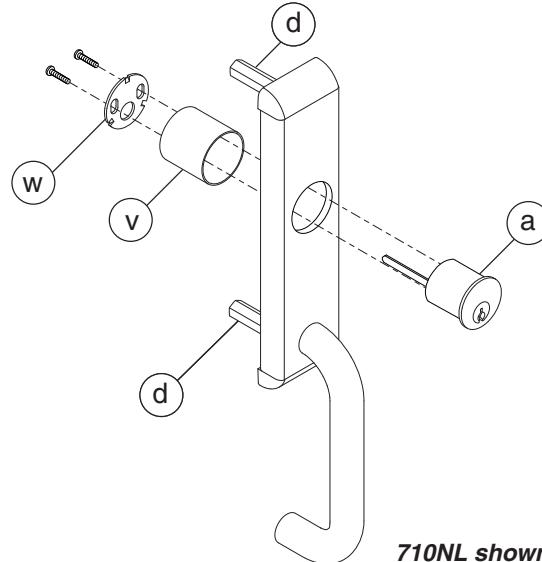
710-DT and 710-NL



710DT



710NL



710NL shown

Item No.	Qty.	Part No.	Description	Notes
a	1	951	Rim Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
d	2	4270	700 Series Trim Hex Stud	
v	1	4120	710NL Cylinder Spacer Collar	
w	1	4121	710NL Cylinder Anchor Plate	

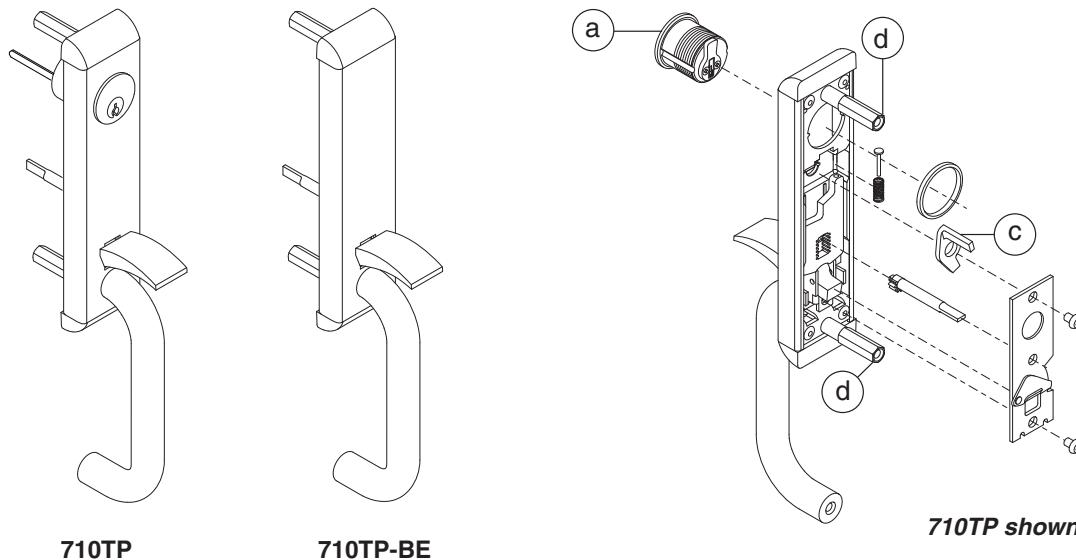
B Specify by finish shown

Specifications:

Delta Pull Projection: 2"
 Escutcheon: 1 $\frac{3}{4}$ " x 7 $\frac{1}{4}$ "
 Overall Length: 11 $\frac{3}{4}$ "

24 Series: Control Thumbpiece (710) Trim for Rim and Vertical Device

710TP and 710TP-BE



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/4" Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	650314	Locking Plate	
d	2	4270	700 Series Trim Hex Stud	

B Specify by finish shown

Specifications:

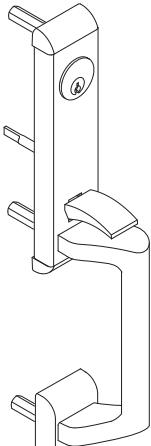
Escutcheon: 1 1/4" x 7 1/4"

Projection: 2 1/4"

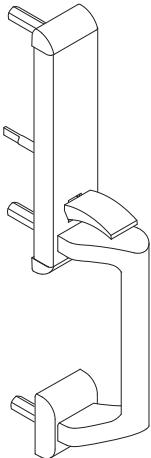
Overall Length: 11 3/4"

24 Series: Delta Thumbpiece (718) Trim for Rim and Vertical Device

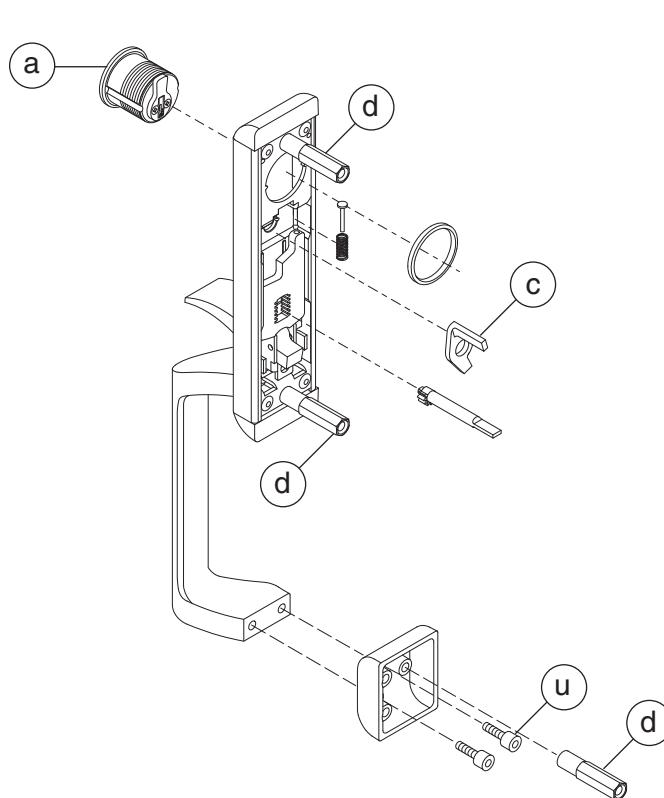
718TP and 718TP-BE



718TP



718TP-BE



718TP shown

Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/8" Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	661560	700/900 Locking Plate	
d	3	4270	700 Series Trim Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package (10- 1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	

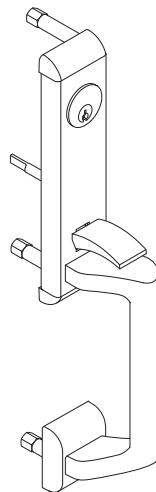
B Specify by finish shown

Specifications:

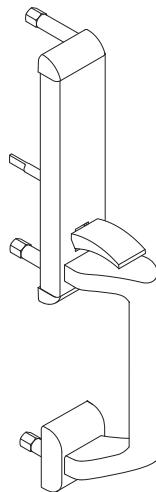
Escutcheon: 1 3/4" x 7 1/4"
 Projection: 2"
 Overall Length: 13"

24 Series: Delta Thumbpiece (718) Trim for Concealed Device

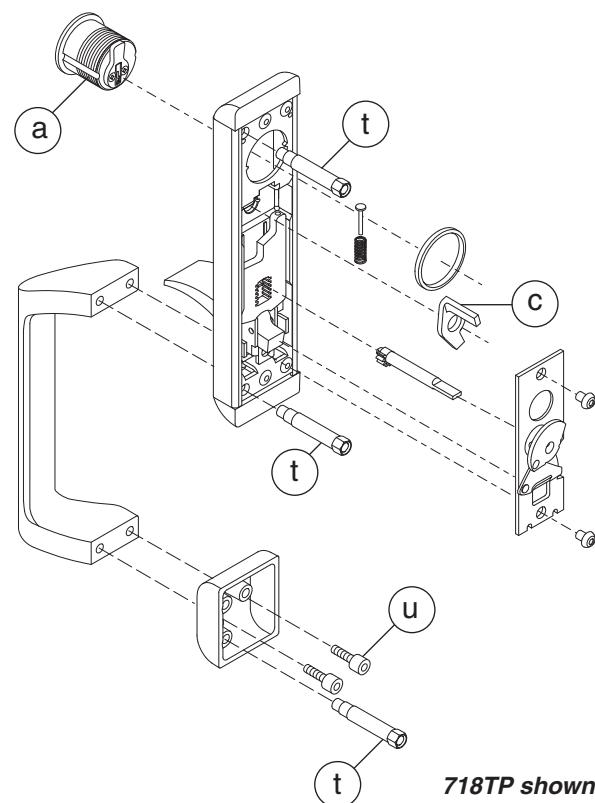
718TP and 718TP-BE



718TP



718TP-BE



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/8" Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	661560	700/900 Locking Plate	
t	3	4349	Control Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package (10- 1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	

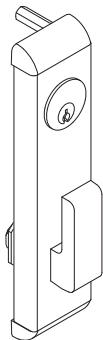
B Specify by finish shown

Specifications:

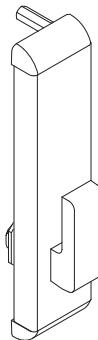
Escutcheon: 1 3/4" x 7 1/4"
 Projection: 2"
 Overall Length: 13"

24 Series: Turn Lever (719) Trim for Surface Vertical Device

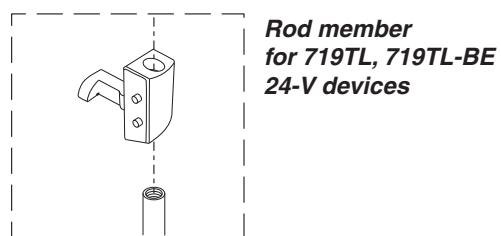
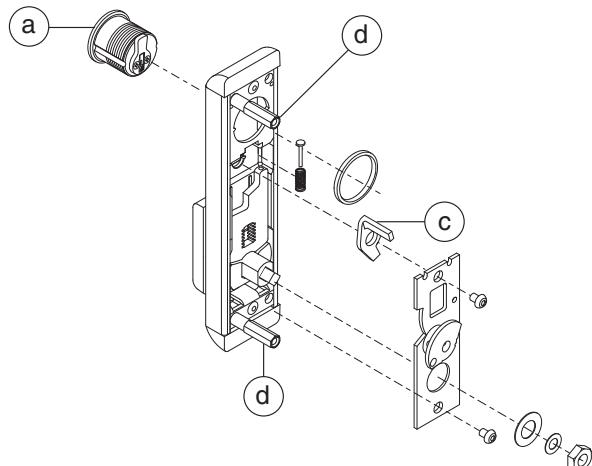
719TL and 719TL-BE



719TL



719TL-BE



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 3/4" Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	661560	Locking Plate	
d	2	4270	700 Series Trim Hex Stud	

B Specify by finish shown

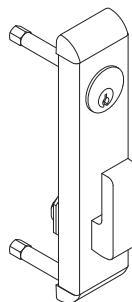
Specifications:

Escutcheon: 1 3/4" x 7 1/4"

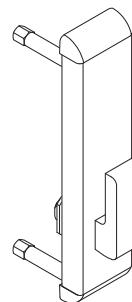
Projection: 1 3/4"

24 Series: Turn Lever (719) Trim for Concealed Vertical Device

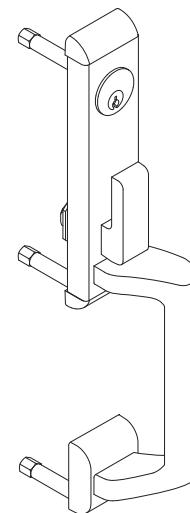
719TL, 719TL-BE and 719TLP



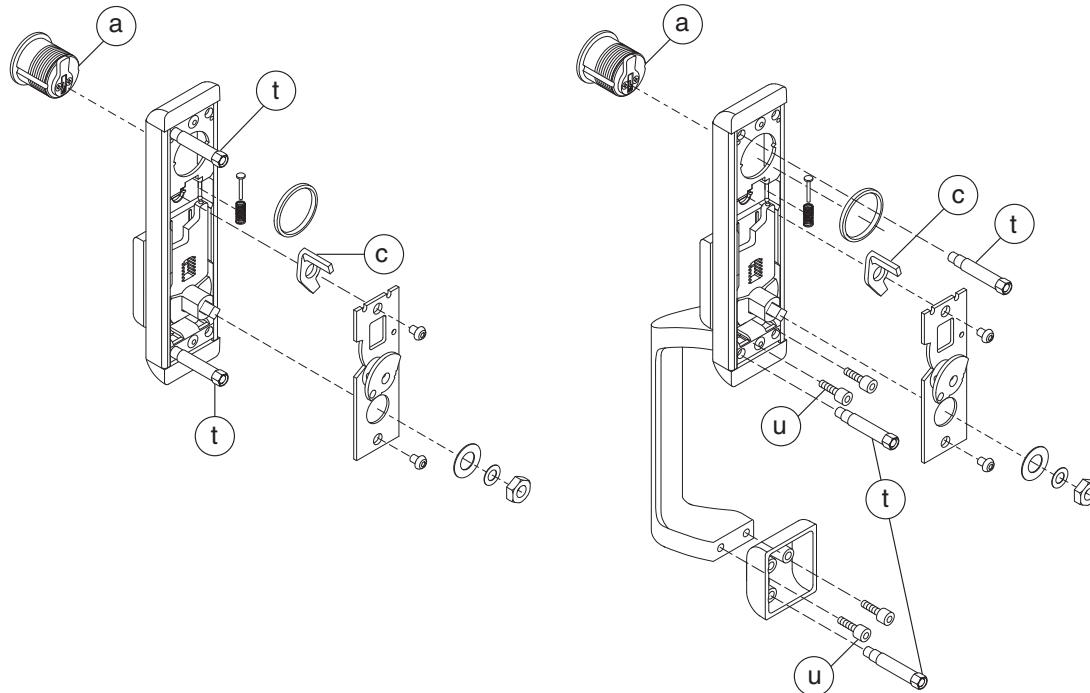
719TL



719TL-BE



719TLP



Item No.	Qty.	Part No.	Description	Notes
a	1	986	1 1/4" Mortise Cylinder (US3, US4, US10, US10B, US26D, US32, US32D)	B
c	1	661560	Locking Plate	
t	3	4349	Control Hex Stud	
u	1	600288	717/718/719 Pull Grip Screw package of 10 (1/4 - 20 x 1/2" Hex Socket Head Cap Screw)	

B Specify by finish shown.

Specifications:

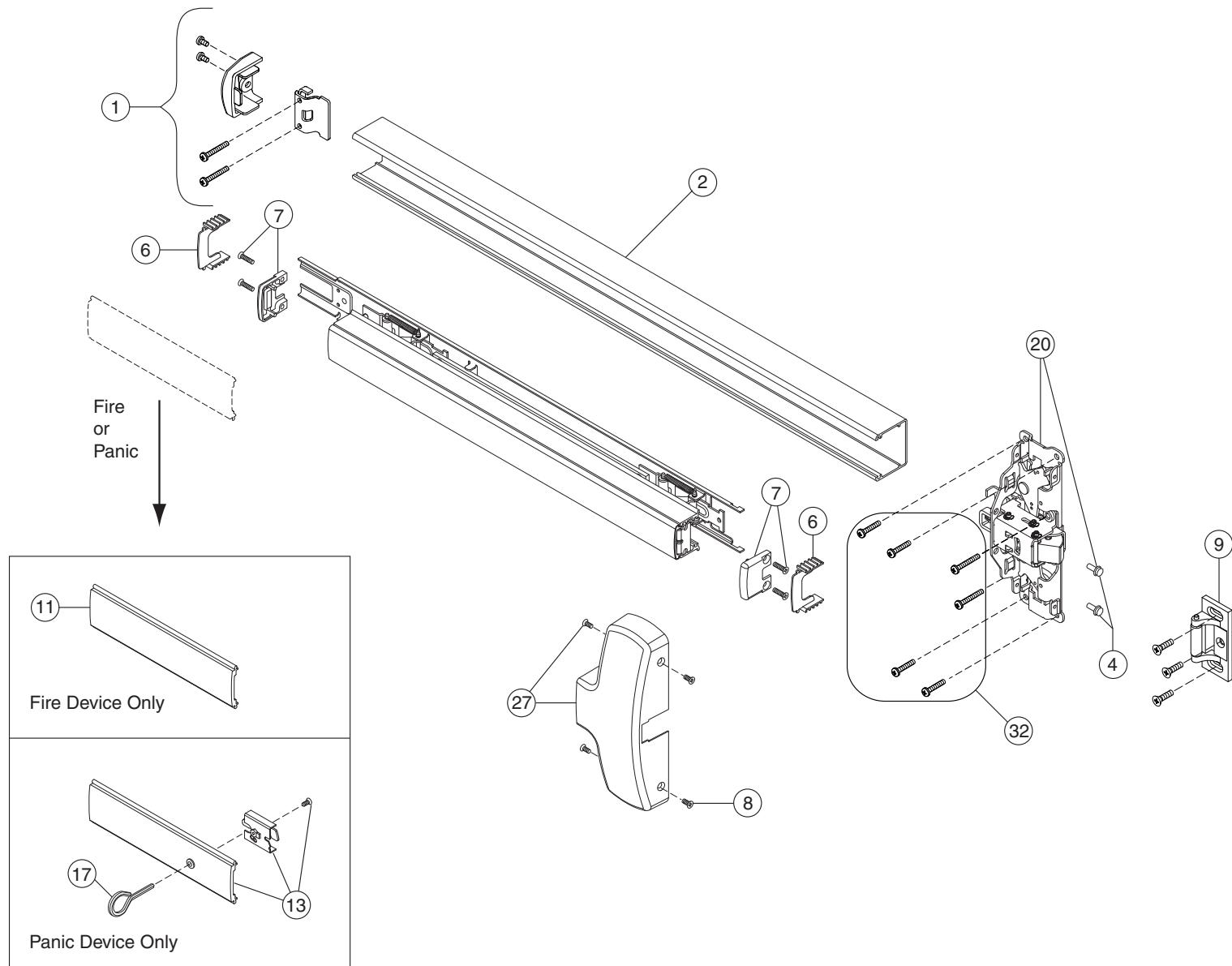
Escutcheon: 1 1/4" x 7 1/4"

Projection: 1 1/4"

Overall Length: 13"

(F)25 Rim Exit Device

Panic and Fire



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes	
1	1	650294	25 Channel Endcap Kit 1¾" Door	1– Channel Endcap	A	
				2– #10-24 x ⅜" PPHMS		
				1– Channel Endcap Bracket		
				2– #10 x 1¼" PPHSMS		
				2– #10-24 x 1" PPHMS		
	1	650348		1– Channel Endcap	A	
				2– #10-24 x ⅜" PPHMS		
				1– Channel Endcap Bracket		
				2– #10 x 1¼" PPHSMS		
				2– #10-24 x 1" PPHMS		
2	1	661412	25 Channel 3'		A	
		661413	25 Channel 4			
4	1	600305	25 Channel Screw package of 10	#10-16 x ½" Hex Washer Head Taptite		
6	1	600319	25 Pushbar Guide Pkg	2– Pushbar Guide		
7	1	600310	25 Pushbar Endcap Kit	2– Pushbar Endcap	A	
8	1	600307	25 Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS		
9	1	299	299 Strike		C	
11	1	650227	F-25 Channel Cover Plate 3'		A, B	
		650228	F-25 Channel Cover Plate 4'			
13	1	650191	25 Hex Dogging Kit 3'	1– Panic Channel Cover (3' or 4")	A, B	
		650192	25 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ⅜" UFPHMS		
17	1	060109	Hex Dogging Key 7/32" package of 10			
20	1	650239	25-R Center Case Kit, Panic	1– Center Case		
		650240	F-25-R Center Case Kit, Fire	2– #10-16 x ½" Hex Washer Head Taptite		
27	1	650255	(F)25-R Center Case Cover Kit	1– Head Cover	A	
				4– #8-18 x ⅜" UFPHSMS		
32	1	650345	(F)25-R/M Mounting Pkg 1¾" Door	6– #10 x 1¼" PPHSMS	*	
				4– #10-24 x ¾" PPHMS		
				2– #10-24 x 1" PPHMS		
				1– Tailpiece Guide	*	
		650293	(F)25-R/M Mounting Pkg 2¼" Door	6– #10 x 1¼" PPHSMS	*	
				4– #10-24 x 1¼" PPHMS		
				2– #10-24 x 1½" PPHMS		
				1– Tailpiece Guide	*	

* Item(s) not shown.

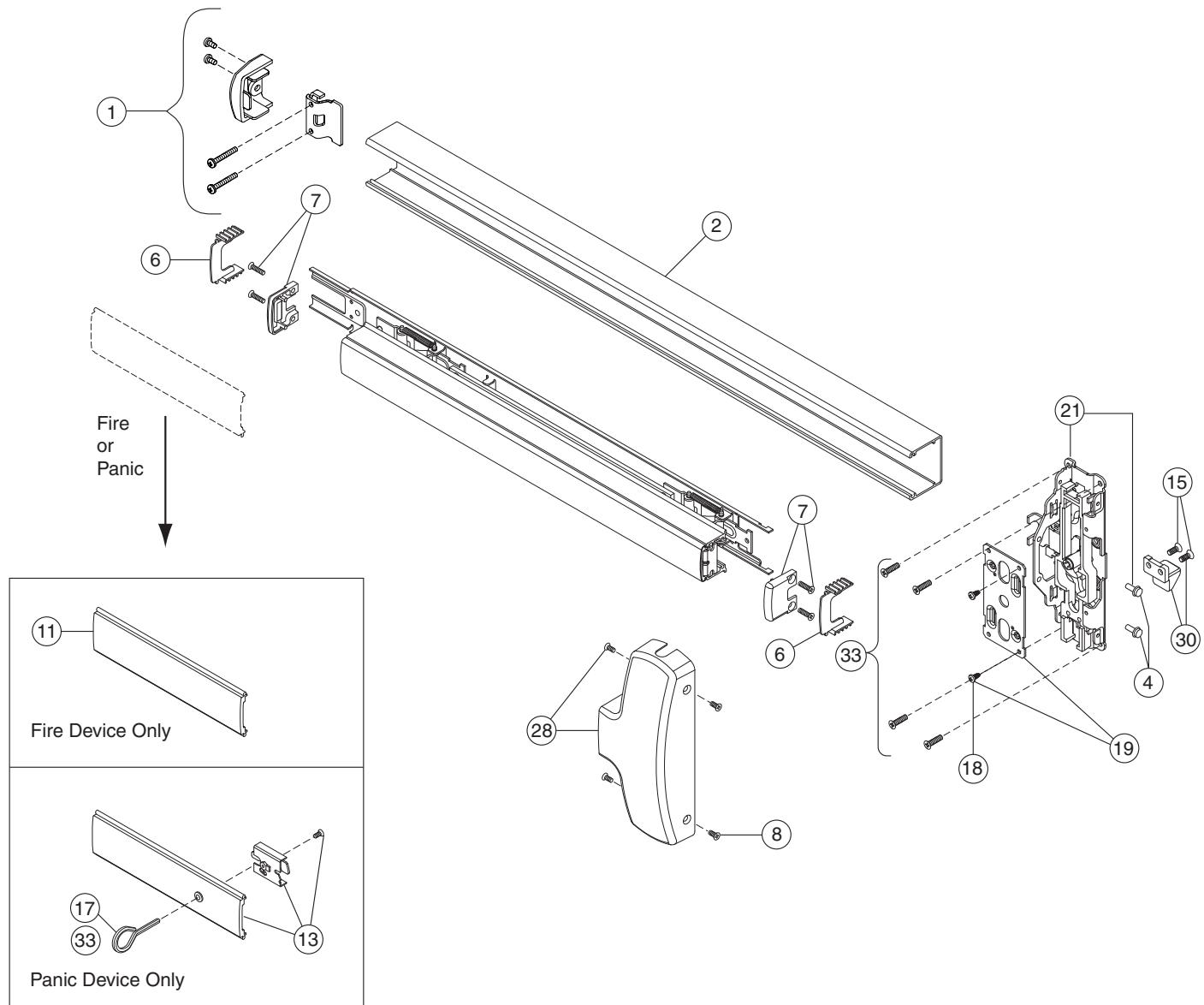
A Specify by finish: US3, US4, US10, US19, US26, US26D, US32, US32D, US28, 313AN

B Channel Covers for CD, EA, HWEA, KOR, shown on page 68

C Specify by finish: US3, US4, US10, US19, US26, US26D, SP313

25-V Surface Vertical Rod Exit Device

Panic and Fire



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	650294	25 Channel Endcap Kit 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
1	1	650348	25 Channel Endcap Kit 2¼" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
2	1	661412	25 Channel 3'		A
		661413	25 Channel 4'		
4	1	600305	25 Channel Screw package of 10	10– #10-16 x ½" Hex Washer Head Taptite	
6	1	600319	25 Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	25 Pushbar Endcap Kit	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	25 Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	
11	1	650227	F-25 Channel Cover Plate 3'		A
		650228	F-25 Channel Cover Plate 4'		
13	1	650191	25 Hex Dogging Kit 3'	1– Panic Channel Cover (3' or 4")	A
		650192	25 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ⅜" UFPHSMS	
15	1	600309	25-V/C Finger Screw Pkg	2– #10-24 x ⅜" UFPHSMS	
17	1	060109	Hex Dogging Key 7/32" package of 10		
18	1	600308	25-V/M/C Center Case Housing Screw Pkg	2– #8-32 x ⅜" PPHMS Trilob	
19	1	650261	25-V/M/C Center Case Housing Kit	2– #8-32 x ⅜" PPHMS Trilob 1– Vertical Housing	
21	1	650242	(F)25-V Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
28	1	650257	(F)25-V Center Case Cover Kit	1– Head Cover 4– #8-18 x ⅜" UFPHSMS	A
30	1	650262	25-V Center Case Finger Kit	2– #10-24 x ⅜" UFPHSMS 1– Vertical Finger	
33	1	650315	25-V Mounting Pkg 1¾" – 2¼" Door	6– #10 x 1¼" PPHSMS	*
				4– #10 x 1¼" FPHSMS	*
				1– ⅛ x 1" Cotter Key	*
				1– Dogging Key	
		650316	F-25-V Mounting Pkg 1¾" Door	6– #10-24 x ¾" PPHMS	*
				4– #10-24 x ¾" FPHSMS	*
				1– ⅛ x 1" Cotter Key	*
		650295	F-25-V Mounting Pkg 2¼" Door	6– #10-24 x 1¼" PPHMS	*
				4– #10-24 x 1¼" FPHSMS	*
				1– ⅛" x 1" Cotter Key	*

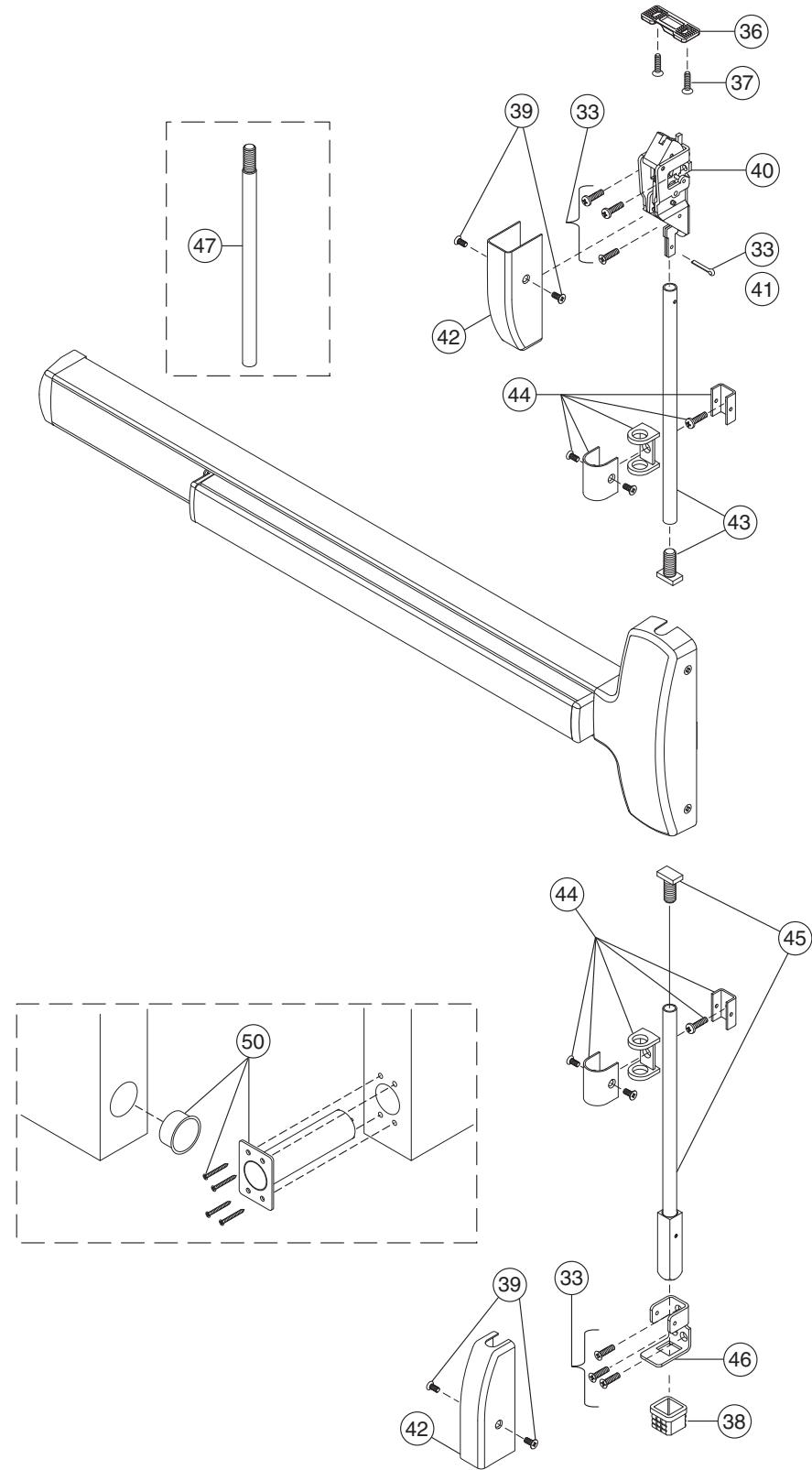
* Item(s) not shown.

A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

B Channel Covers for CD, EA, HWEA, KOR, shown on page 68

(F)25-V Surface Vertical Rods and Latches

Panic and Fire



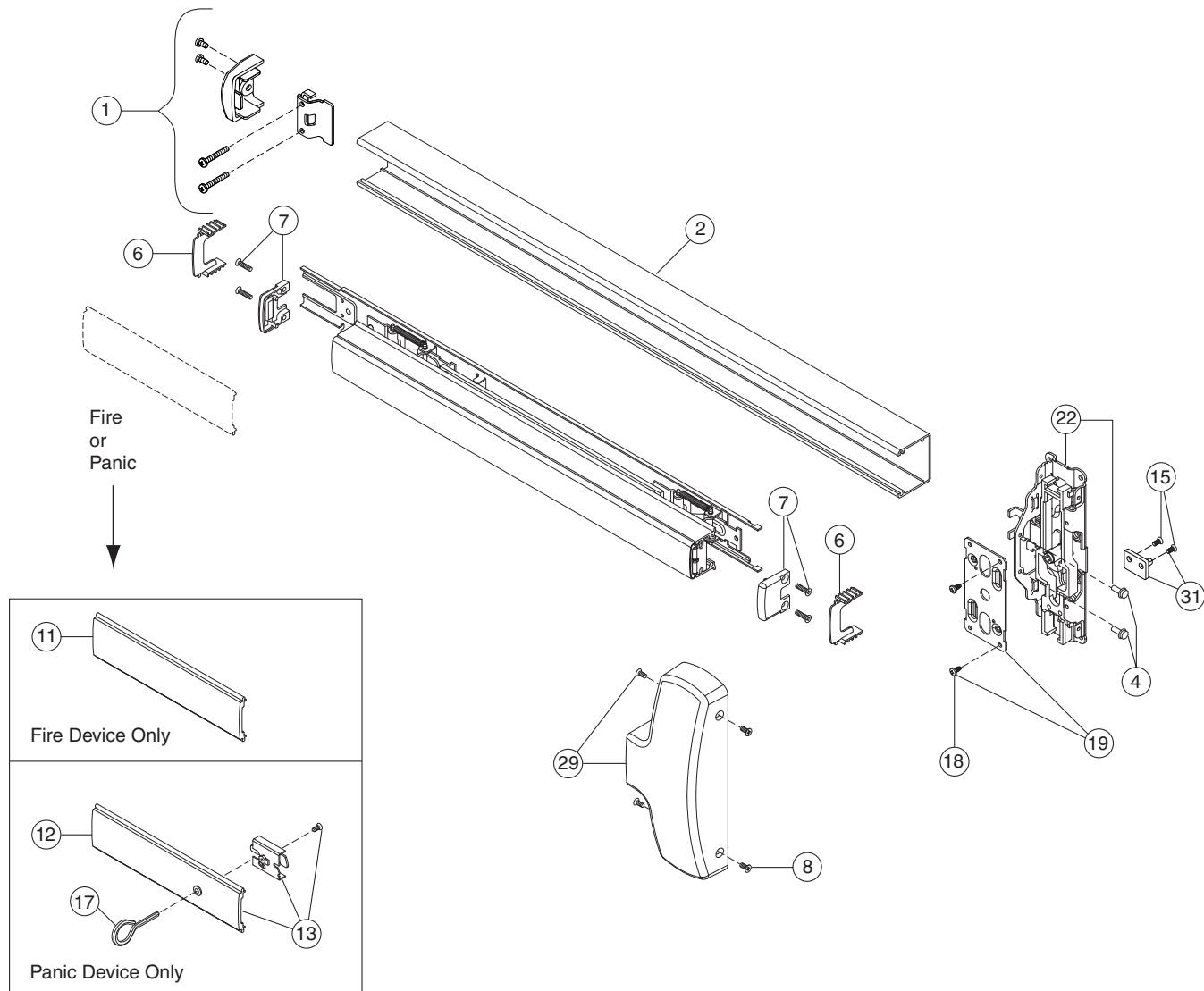
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
33	1	650315	25-V Mounting Pkg 1 3/4" – 2 1/4" Door	4– #10 x 1 1/4" FPHSMS 6– #10 x 1 1/4" PPHSMS 1– 1/8 x 1" Cotter Key 1– Dogging Key 4– #10-24 x 3/4" FPHMS 6– #10-24 x 3/4" PPHMS 1– 1/8 x 1" Cotter Key	*
		650316	F-25-V Mounting Pkg 1 3/4" Door	4– #10-24 x 1 1/4" FPHMS 6– #10-24 x 1 1/4" PPHMS 1– 1/8 x 1" Cotter Key	*
		650295	F-25-V Mounting Pkg 2 1/4" Door	4– #10-24 x 1 1/4" FPHMS 6– #10-24 x 1 1/4" PPHMS 1– 1/8 x 1" Cotter Key	*
36	1	3788	Vertical Rod Top Strike		
37	2	660002	#10 x 1 1/4" FPHSMS		
38	1	2130	Vertical Rod Bottom Strike		
39	1	650336	25-V Latch Case Cover Mounting Pkg	4– #8-32 x 1/4" UFPHMS	
40	1	650389	25-V Top Latch Case		
		650375	F-25-V Top Latch Case		
41	1	060111	1/8" x 1" Cotter Key package of 10		
42	2	650202	25-V Latch Case Cover Kit		A
43	1	3777	25-V Top Rod Kit		A
44	2	650311	25-V Rod Guide Kit		A
45	1	610055	25-V Bottom Rod Kit		A
46	1	650387	25-V Bottom Bolt Guide		A
47	1	650006	Vertical Extension Rod 12"		A
		650007	Vertical Extension Rod 24"		
		650008	Vertical Extension Rod 36"		
50	1	5494	Auxiliary Fire Pin Kit (Less Bottom Rod application only)		

* Item(s) not shown.

A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

(F)25-C Concealed Vertical Rod Exit Device

Panic and Fire



NOTE: (F)25-C Mounting Package(s) shown on page 53

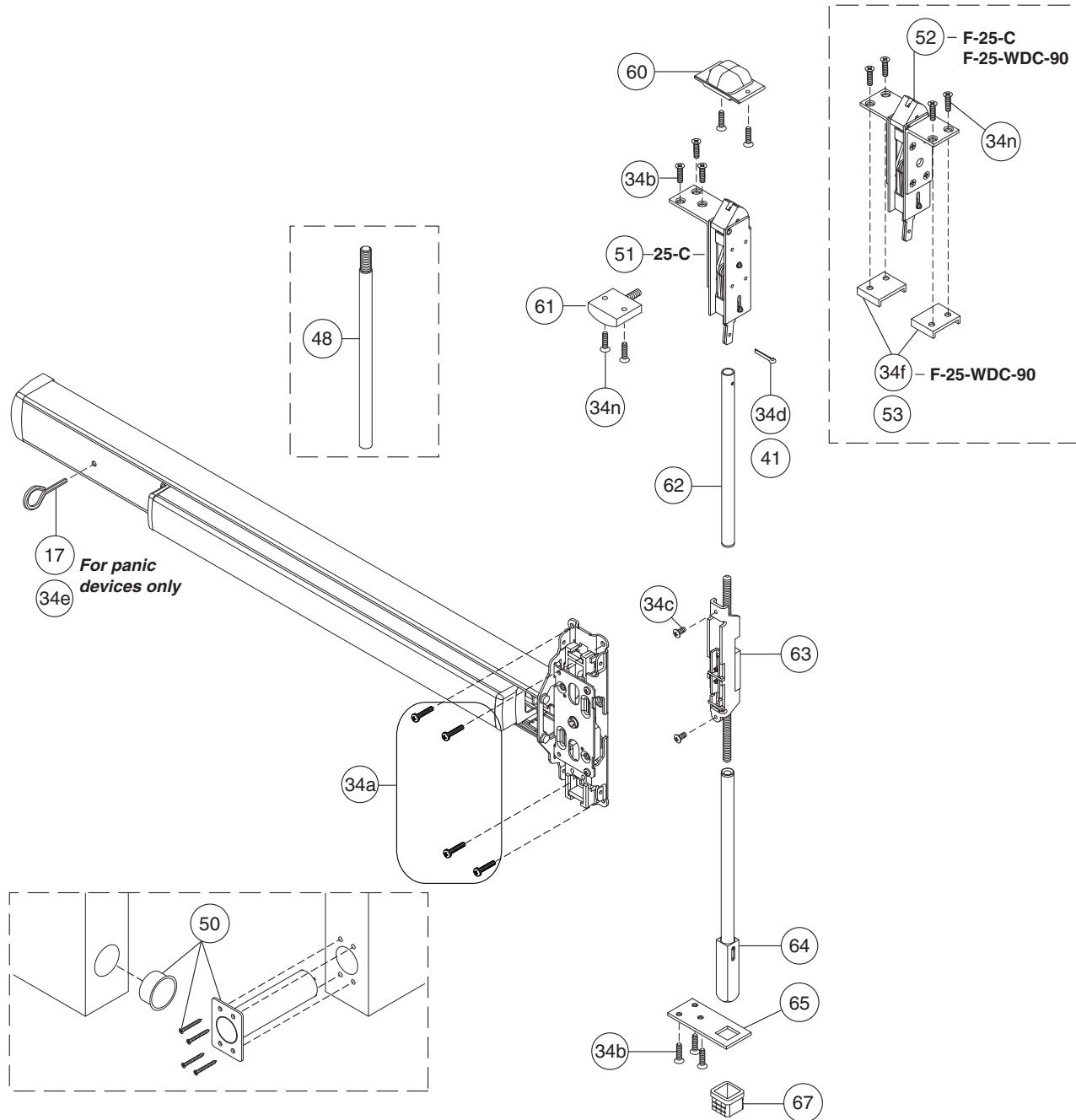
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	650294	25 Channel Endcap Kit 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
				1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	
2	1	661412	25 Channel 3'		A
		661413	25 Channel 4'		
4	1	600305	25 Channel Screw package of 10	#10-16 x ½" Hex Washer Head Taptite	
6	1	600319	25 Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	25 Pushbar Endcap Kit	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	25 Center Case Cover Screw Pkg	4– #8-18 - ⅜" UFPHSMS	
11	1	650227	F-25 Channel Cover Plate 3'		A, B
		650228	F-25 Channel Cover Plate 4'		
13	1	650191	25 Hex Dogging Kit 3'	1– Panic Channel Cover (3' or 4')	A, B
		650192	25 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ¾" UFPHSMS	
15	1	600309	25-V/C Center Case Finger Screw Pkg	2– #10-24 x ⅜" UFPHSMS	
17	1	060109	Hex Dogging Key 7/32" package of 10		
18	1	600308	25-V/M/C Center Case Housing Screw Pkg	2– #8-32 x ¾" PPHMS Trilob Housing	
19	1	650261	25-V/M/C Center Case Housing Kit	2– #8-32 x ¾" PPHMS Trilob Housing 1– Vertical Housing	
22	1	650244	25-C, CWDC Center Case Kit	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
29	1	650259	(F)25-C/M Center Case Cover Kit	1– Center Case	A
				4– #8-18 - ⅜" UFPHSMS	
31	1	650263	25-C Center Case Finger Kit	2– #10-24 x ⅜" UFPHSMS 1– Concealed Finger	

A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

B Channel Covers for CD, EA, HWEA, KOR, shown on page 68

(F)25-C and F-25-C-WDC-90 Concealed Vertical Rods and Latches

Metal Door—Panic and Fire, Wood Door—90 Minute Fire Device

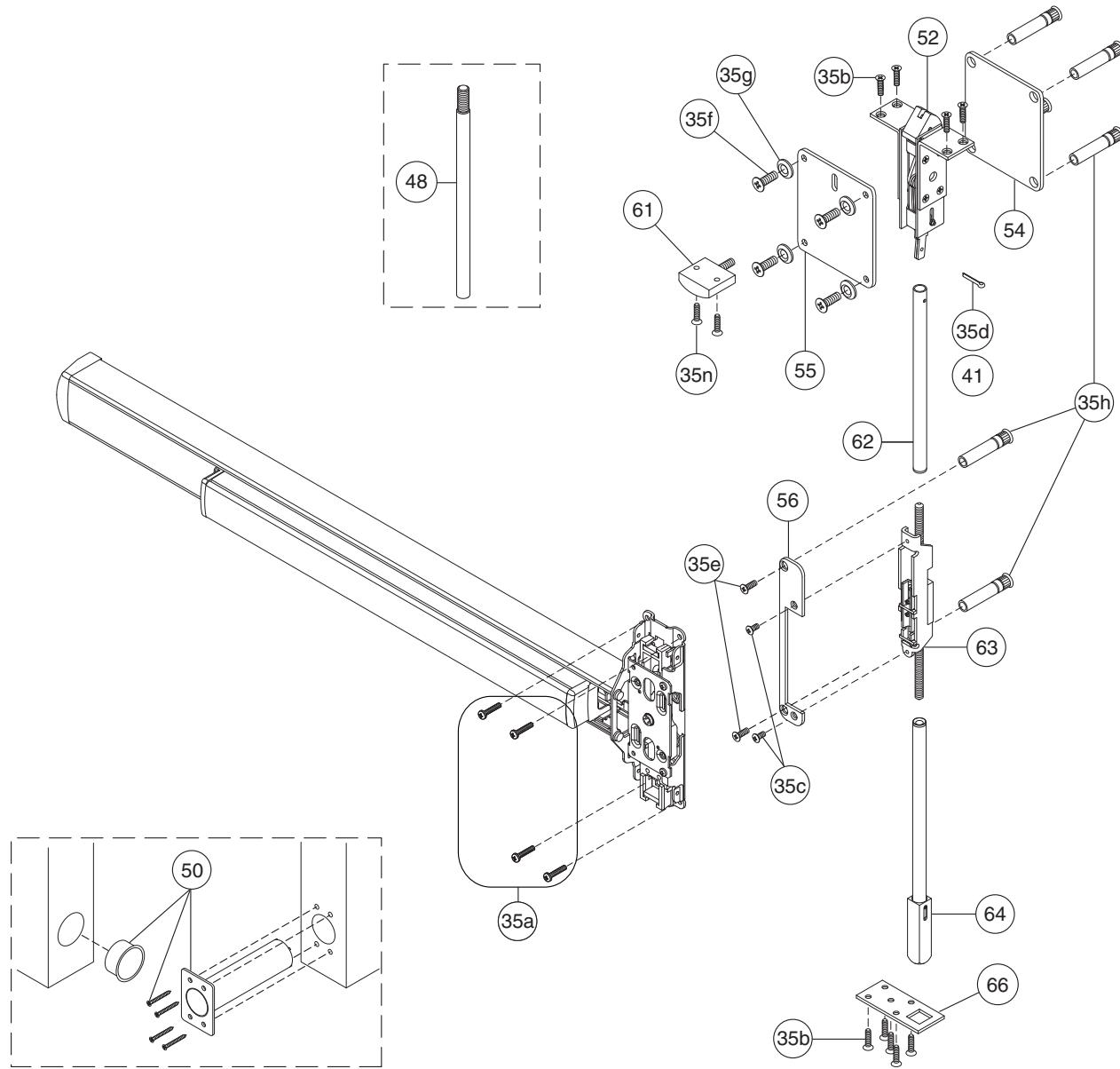


25-C Panic Device shown

Item No.	Qty.	Part No.	Description	Pkg Contents		Notes
17	1	060109	Hex Dogging Key $\frac{7}{32}$ " package of 10			
34	1	650317	F-25-C Mounting Pkg 1 $\frac{3}{4}$ " Door	34a	8- #10-24 x $\frac{3}{4}$ " PPHMS	
				34b	7- #10-24 x $\frac{3}{4}$ " FPHMS	
				34c	2- #8-32 x $\frac{3}{8}$ " UFPHMS	
				34d	1- $\frac{1}{8}$ x 1" Cotter Key	
				—	2- 1/4-20 x $\frac{3}{4}$ " PPHMS	*
		650318	25-C Mounting Pkg 1 $\frac{3}{4}$ " Door	34a	8- #10 x 1 $\frac{1}{4}$ " PPHSMS	*
				34b	6- #10-24 x $\frac{3}{4}$ " FPHMS	
	1	650299	F-25-CWDC Mounting Pkg 1 $\frac{3}{4}$ " Door	34c	2- #8-32 x $\frac{3}{8}$ " UFPHMS	
				34d	1- $\frac{1}{8}$ x 1" Cotter Key	
				34f	2- Latch Bracket	
				34n	6- #10-24 x $\frac{3}{4}$ " FPHMS	
				34a	4- #10 x 1 $\frac{1}{4}$ " PPHSMS	*
				34a	8- #10-24 x $\frac{3}{4}$ " PPHMS	
				34b	3- #10 x 1 $\frac{1}{4}$ " FPHSMS	*
41	1	060111	1/8 x 1" Cotter Key package of 10			
48	1	650017	Concealed Vertical Extension Rod 12"			
		650018	Concealed Vertical Extension Rod 24"			
		650019	Concealed Vertical Extension Rod 36"			
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)			
51	1	603L	25-C, CWDC Top Latch Case LHR			
		603R	25-C, CWDC Top Latch Case RHR			
52	1	F603	F-25-C Top Latch Case			
53	2	4694	F-25 CWDC Latch Bracket			
60	1	4188	Concealed Vertical Top Rod Strike			
61	1	650339	(F)25-C, CWDC Top Latch Release Kit			A
62	1	610061	(F)25-C, CWDC Top Rod Kit			
63	1	650376	(F)25-C, CWDC Center Slide Assembly			
64	1	610057	(F)25-C, CWDC Bottom Rod Kit			
65	1	4567	25-C Bottom Bolt Guide			
67	1	2130	Vertical Rod Bottom Strike			

* Items for 24 Series devices only, not shown.

A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

25-C-WDC and F-25-C-WDC-20 Concealed Vertical Rods and Latches**Wood Door—Panic Devices, Wood Door—20 Minute Fire Device****F-25-C-WDC-20 Device shown**

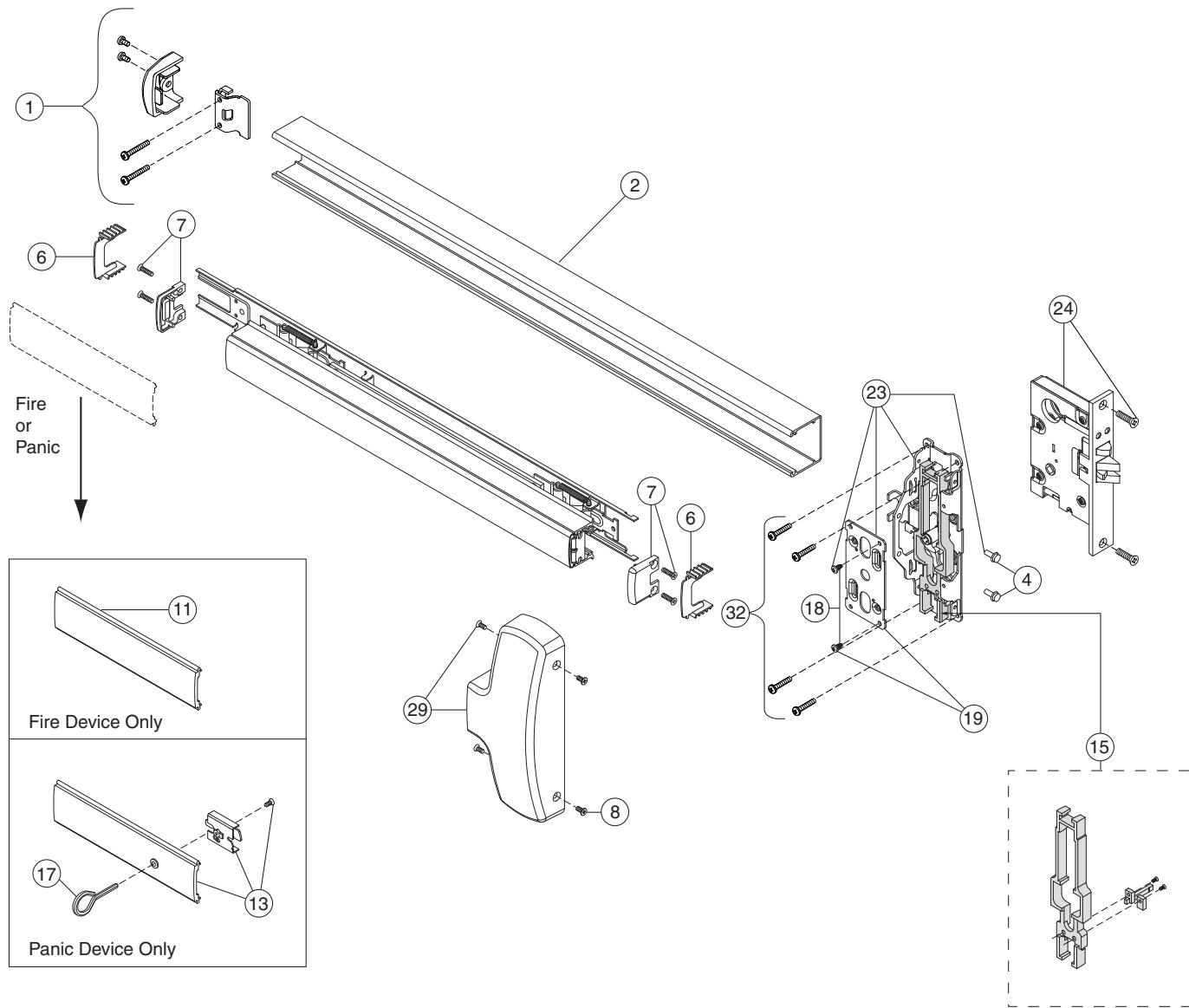
Item No.	Qty.	Part No.	Description	Pkg Contents		Notes			
17	1	060109	Hex Dogging Key $\frac{7}{32}$ " package of 10	35a — 35b 35c 35d 35e 35f 35g 35h 35n	8- #10 x 1 $\frac{1}{4}$ " PPHSMS 4- #10-24 x 1" PPHMS 11- #10 x 1 $\frac{1}{4}$ " FPHSMS 2- #8-32 x $\frac{3}{8}$ " UFPHMS 1- $\frac{1}{6}$ x 1" Cotter Key 2- $\frac{3}{4}$ " CS Plate Mtg Screw 4- 1/4-20 x $\frac{3}{4}$ " FPHMS 4- $\frac{1}{4}$ " CS Washer 6- 1/4-20 Sexbolt 4- #10-24 x $\frac{3}{4}$ " FPHMS	A			
35	1	650299	F-25-CWDC Mounting Pkg 1 $\frac{1}{4}$ " Door						
		650296	25-CWDC Mounting Pkg 2 $\frac{1}{4}$ " Door			A			
41	1	060111	1/8 x 1" Cotter Key package of 10						
48	1	650017	Concealed Vertical Extension Rod 12"						
		650018	Concealed Vertical Extension Rod 24"						
		650019	Concealed Vertical Extension Rod 36"						
49	1	WF603	F-25-CWDC Top Latch Case			*			
50	1	5494	Auxiliary Fire Latch Kit (Less Bottom Rod application only)						
52	1	F603	F-25-C Top Latch Case						
54	1	4833	Top Reinforcement Plate			A			
55	1	4834	Top Reinforcement Plate with Access Hole			A			
56	1	4832	(F)25-CWDC Center Slide Reinforcement Plate						
61	1	650339	(F)25-C, CWDC Top Latch Release Kit			A			
62	1	610061	(F)25-C, CWDC Top Rod Kit						
63	1	650376	(F)25-C, CWDC Center Slide Assembly						
64	1	610057	(F)25-C, CWDC Bottom Rod Kit						
66	1	4835	25-CWDC Bottom Bolt Guide						

* Item(s) not shown.

A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

(F)25-M Mortise Exit Device

Panic and Fire



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
1	1	650294	25 Channel Endcap Kit 1¾" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
1	1	650348	25 Channel Endcap Kit 2¼" Door	1– Channel Endcap 2– #10-24 x ⅜" PPHMS 1– Channel Endcap Bracket 2– #10-24 x 1" PPHMS 2– #10 x 1¼" PPHSMS	A
2	1	661412			
		661413			
4	1	600305	25 Channel Screw package of 10	#10-16 x ½" Hex Washer Head Taptite	
6	1	600319	25 Pushbar Guide Pkg	2– Pushbar Guide	
7	1	600310	25 Pushbar Endcap Kit	2– Pushbar Endcap 4– #8-18 x ¾" FPHSMS	A
8	1	600307	25 Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	
11	1	650227	F-25 Channel Cover Plate 3'		B
		650228	F-25 Channel Cover Plate 4'		
13	1	650191	25 Hex Dogging Kit 3'	1– Panic Channel Cover (3' or 4')	A
		650192	25 Hex Dogging Kit 4'	1– Dogging Subassembly 1– #8-32 x ⅜" UFPHSMS	
15	1	650377	25-M Center Case Slide Bar Assembly LHR		C
		650378	25-M Center Case Slide Bar Assembly RHR		
17	1	060109	Hex Dogging Key 7/32" package of 10		
18	1	600308	25-V/M/C Housing Screw Pkg	2– #8-32 x ⅜" PPHMS Trilob	
19	1	650261	25-V/M/C Housing Kit	2– #8-32 x ⅜" PPHMS Trilob 1– Vertical Housing	
23	1	650246	(F)25-M Center Case Kit, RHR	1– Center Case 2– #10-16 x ½" Hex Washer Head Taptite	
		650398	(F)25-M Center Case Kit, LHR	1– Mortise Finger 1– Mortise Block 2– #10-24 x ⅜" UFPHSMS	
24	1	8500	Mortise Lock Assembly	1– Mortise Lock 2– #12-24 x ½" UFPHSMS	
29	1	650259	(F)25-C, M Center Case Cover Kit	1– Center Case Cover 4– #8-18 x ⅜" UFPHSMS	A
32	1	650345	(F)25-R/M Mounting Pkg 1¾" Door	6– #10 x 1¼" PPHSMS 4– #10-24 x ¾" PPHMS 2– #10-24 x 1" PPHMS 1– Tailpiece Guide	
		650293	(F)25-R/M Mounting Pkg 2¼" Door	6– #10 x 1¼" PPHSMS 4– #10-24 x 1¼" PPHMS 2– #10-24 x 1½" PPHMS 1– Tailpiece Guide	*

* Item(s) not shown.

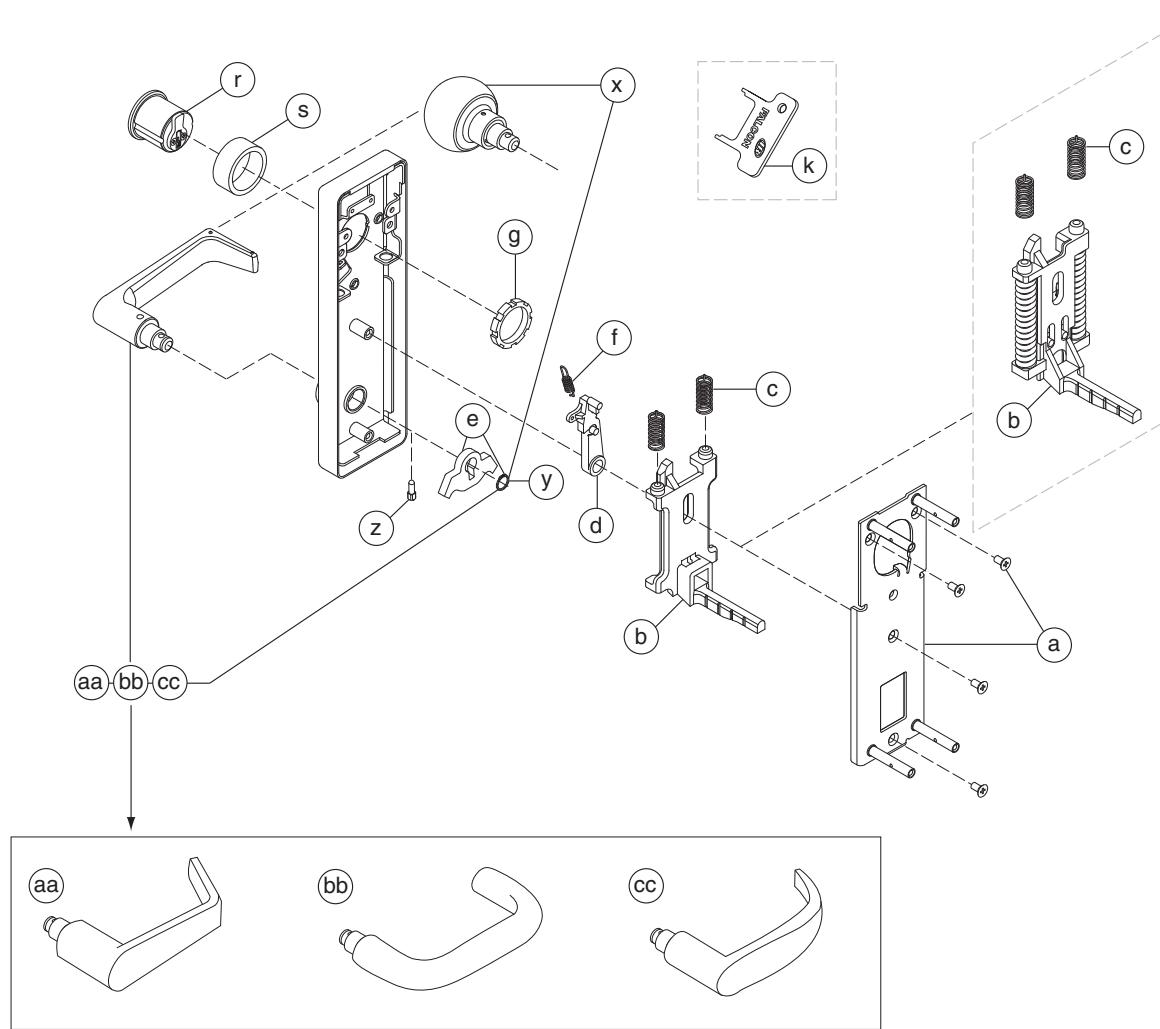
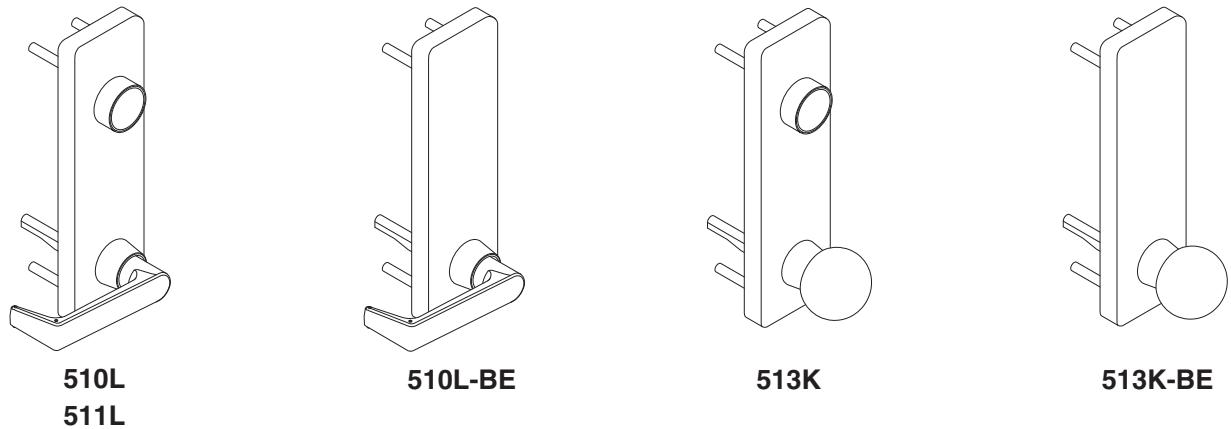
A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

B Channel Covers for CD, EA, HWEA, KOR, see page 68

C Lift Finger is pre-installed on the Slide Bar Assembly. Screws secured with Loctite®.

25 Series Trim: Lever (510), Vandal Resistant (VR) Lever (511), Knob (513)

510L, 510L-BE, 513K, 513K-BE, 511L



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x 3/8" UFPHMS	
b	1	600273	510/512/513 Slider Assembly		
		600282	VR Slider Assembly		
c	1	600274	L (Lever) Springs package of 2		
		600284	K (Knob)/T (Thumbpiece) Springs package of 2		
d	1	600275	Locking Hook Pkg		
e	1	600276	L/K Spindle Cam Pkg	1– Spindle Cam 1– Spindle Cam Retaining Ring	
f	1	090041	Hook Spring Pkg		
g	1	600278	Cylinder Lock Nut Pkg		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
r	1	986	1 1/4" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
x	1	600298	Knob Assembly	1– Knob Assembly 1– Retaining Ring	A
y	1	600277	Spindle Cam Retaining Ring Pkg	10– Retaining Rings	
z	1	650267	Shear Pin package of 10		
		600283	VR Shear Pin package of 10		
aa	1	050006	Dane Lever Kit		
bb	1	050003	Sutro Lever Kit	1– Lever Assembly 1– Retaining Ring	
cc	1	050017	Quantum Lever Kit		A

* Item(s) not shown

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

Note: Vandal Resistant VR) Lever Trims are available on rim, vertical, mortise and concealed devices, and work with all electric lock and unlock functions.

Specifications:

Escutcheon: 2 3/4" x 9 3/4"

Knob Projection: 3 3/8"

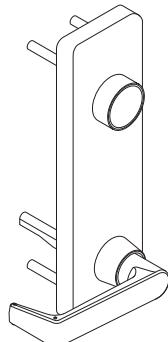
Lever Projection: Dane 2 13/16"

Quantum 3 1/2"

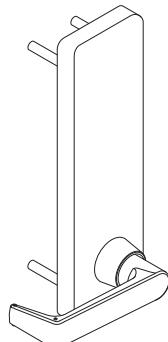
Sutro 3 13/16"

25 Series Trim: Lever (510), Knob (513)

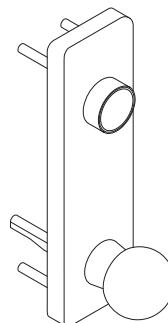
510L-NL, 510L-DT, 513K-NL, 513K-DT



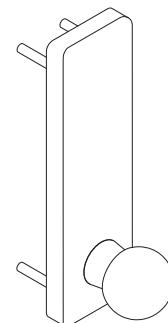
510L-NL



510L-DT

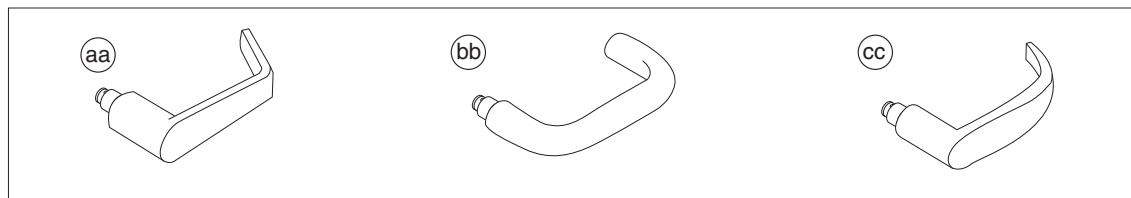
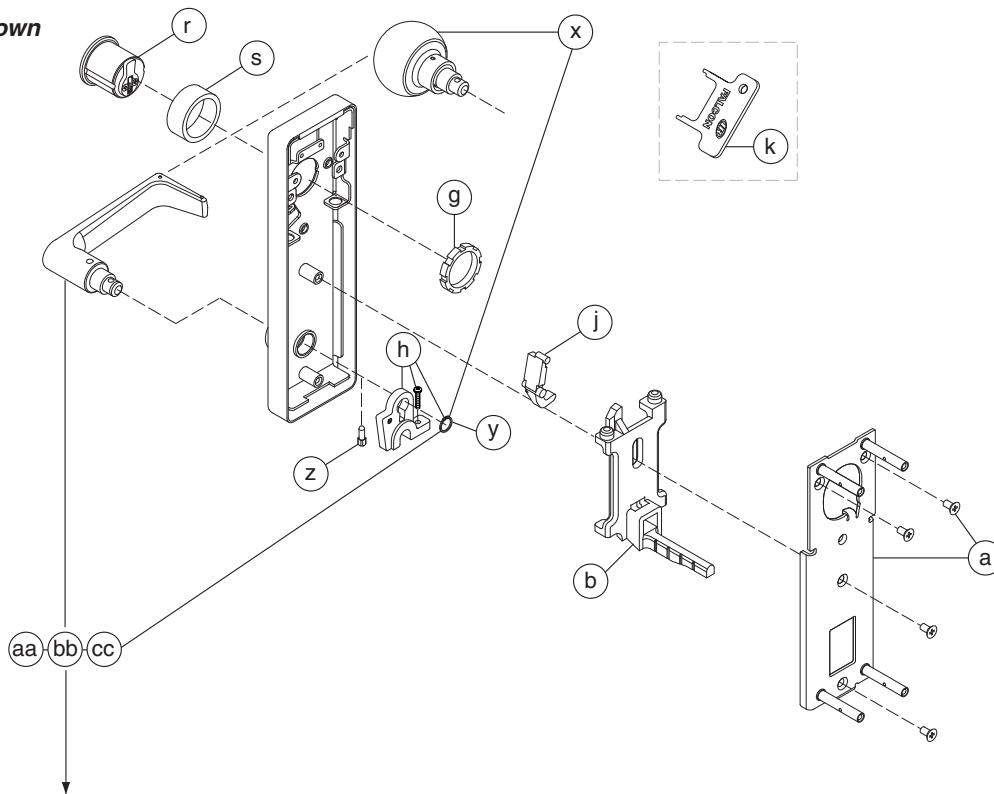


513K-NL



513K-DT

510L-NL Trim shown

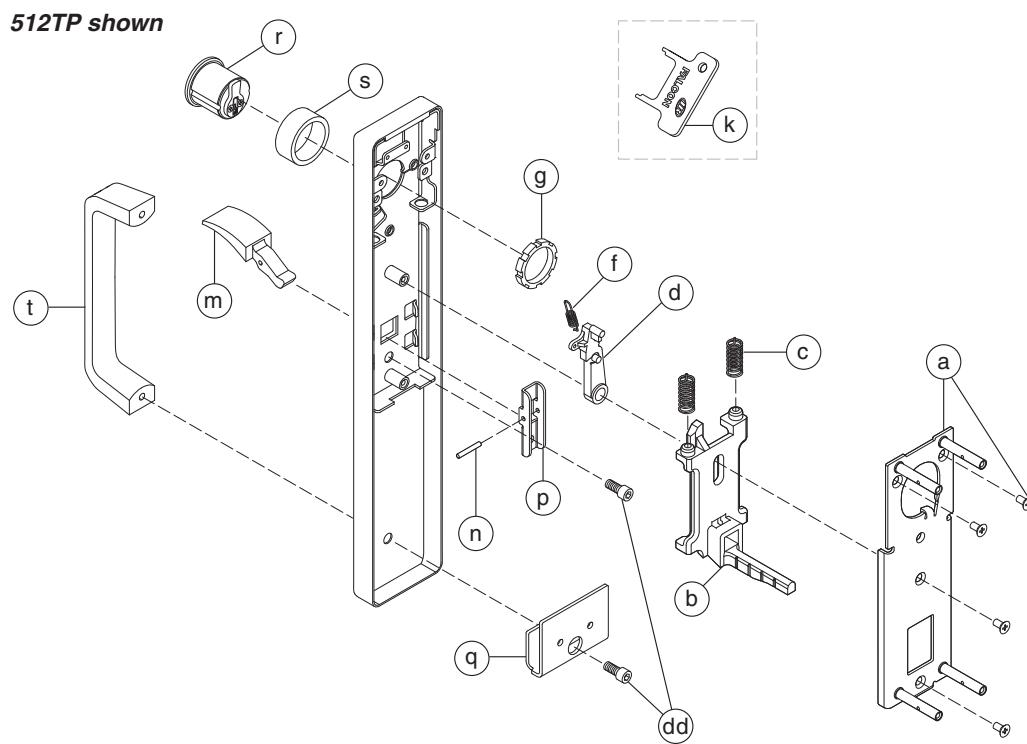
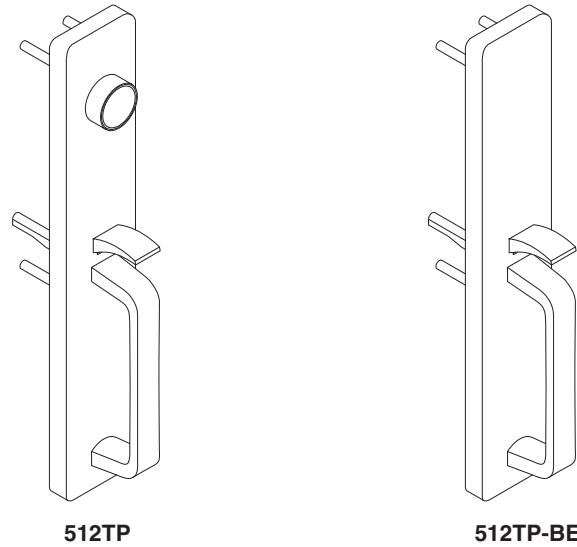


Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x $\frac{3}{8}$ " UFPHMS	
b	1	600273	510/512/513 Slider Assembly		
g	1	600278	Cylinder Lock Nut Pkg		
h	1	600280	Dummy Spindle Cam Kit	1– Spindle Cam Dummy 1– Spindle Cam Retaining Ring 1– #10-24 x $\frac{3}{4}$ " PPHMS	
j	1	600281	NL Cam Pkg		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
r	1	986	1 $\frac{1}{4}$ " Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
x	1	600298	Knob Assembly	1– Knob Assembly 1– Retaining Ring	A
y	1	600277	Spindle Cam Retaining Ring package of 10		
z	1	650267	Shear Pin package of 10		
aa	1	050006	Dane Lever Assembly Kit		
bb	1	050003	Sutro Lever Assembly Kit		
cc	1	050017	Quantum Lever Assembly Kit	1– Lever Assembly 1– Retaining Ring	A

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

25 Series Trim: Thumbpiece (512)

512TP, 512TP-BE



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x 3/8" UFPHMS	
b	1	600273	510/512/513 Slider Assembly		
c	1	600284	K/T Springs package of 2		
d	1	600275	Locking Hook Pkg		
f	1	090041	Hook Spring Pkg		
g	1	600278	Cylinder Lock Nut Pkg		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
m	1	600285	Thumbpiece Pkg		A
n	1	600286	Thumbpiece Pivot Pin Pkg		
p	1	600287	Thumbpiece Bracket Pkg		
q	1	600289	Lower Pull Bracket Pkg 1 1/4" Door	1– Lower Pull Bracket	A
				1– 1/4-20 x 2 1/4" FPHMS *	
				1– Finish Washer *	
		600290	Lower Pull Bracket Pkg 2 1/4" Door	1– Lower Pull Bracket	
				1– 1/4-20 x 2 3/4" FPHMS *	
				1– Finish Washer *	
r	1	986	1 1/4" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
t	1	600297	512TP Pull		A
dd	1	600288	Pull Grip Screw package of 10	1/4-20 x 1/2" Hex Socket Head Cap Screw	

* Item(s) not shown

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

Specifications:

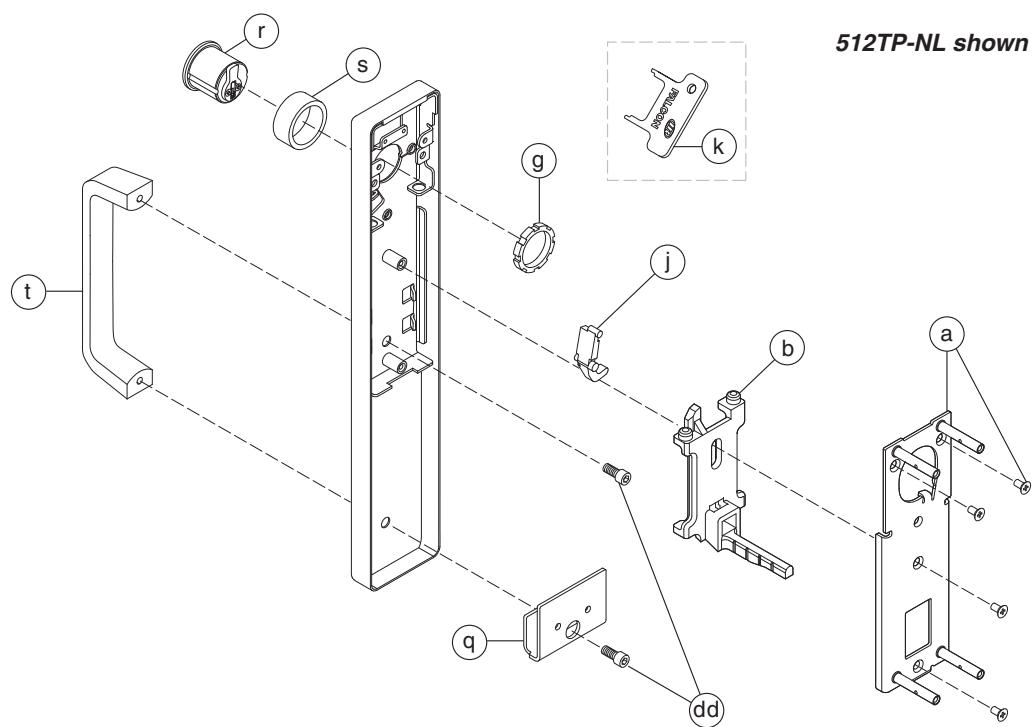
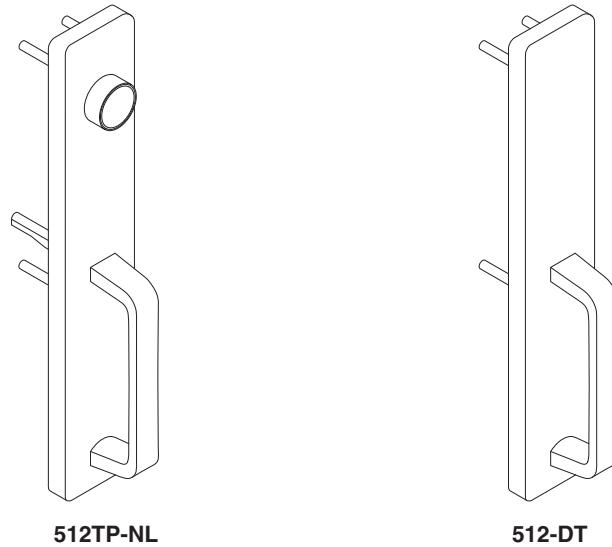
Escutcheon: 2 3/4" x 16"

Grip: 6 1/4" C-C

Projection: 2 11/16"

25 Series Trim: Thumbpiece (512)

512TP-NL, 512-DT



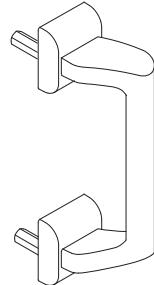
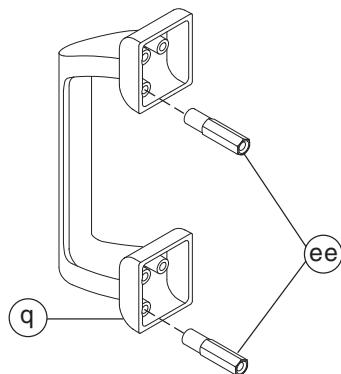
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
a	1	600272	Backplate Assembly	1– Backplate Assy 4– #10-24 x 3/8" UFPHMS	
b	1	600273	510/512/513 Slider Assembly		
g	1	600278	Cylinder Lock Nut Pkg		
j	1	600281	NL Cam Package		
k	1	600279	Cylinder Nut Tool Pkg	5– Cylinder Nut Tools	
q	1	600289	Lower Pull Bracket Pkg 1 3/4" Door	1– Lower Pull Bracket 1– 1/4-20 x 2 1/4" FPHMS *	A
		600290	Lower Pull Bracket Pkg 2 1/4" Door	1– Finish Washer * 1– Lower Pull Bracket 1– 1/4-20 x 2 3/4" FPHMS * 1– Finish Washer *	
r	1	986	1 1/4" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
t	1	600297	512TP Pull		A
dd	1	600288	Pull Grip Screw package of 10	1/4-20 x 1/2" Hex Socket Head Cap Screw	

* Item(s) not shown

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

Specifications:

Escutcheon: 2 3/4" x 16"
 Grip: 6 1/4" C-C
 Projection: 2 1/16"

25 Series Trim: Delta Pull**717-DT****717DT**

Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
q	2	600289	Lower Pull Bracket Pkg 1 $\frac{3}{4}$ " Door	1– Lower Pull Bracket 2– 1/4-20 x 2 $\frac{1}{4}$ " FPHMS 1– Finish Washer	A * *
		600290	Lower Pull Bracket Pkg 2 $\frac{1}{4}$ " Door	1– Lower Pull Bracket 2– 1/4-20 x 2 $\frac{3}{4}$ " FPHMS 1– Finish Washer	A * *
ee	2	4270	700 Series Trim Hex Stud		

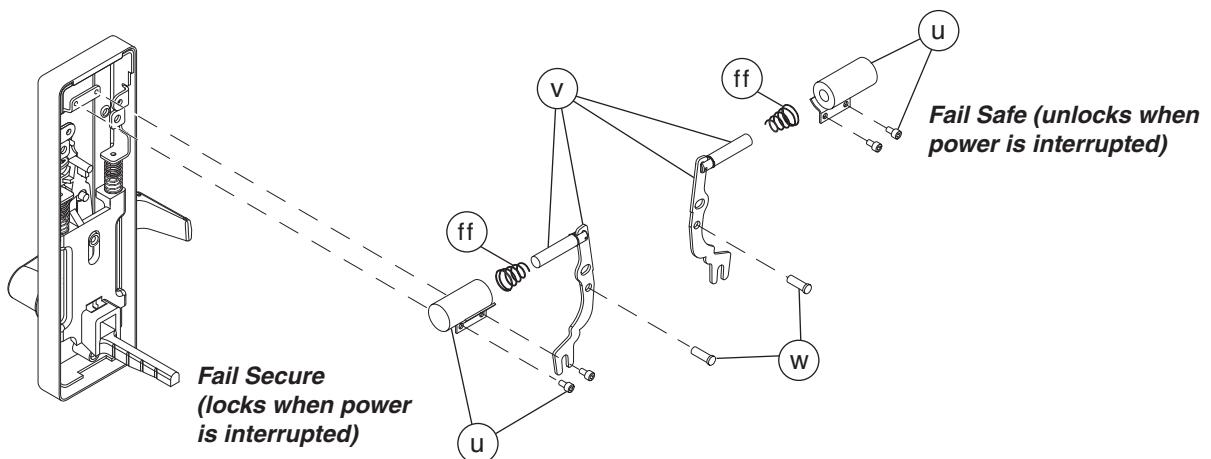
* Item(s) not shown. Specify finish when ordering.

A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

Specifications:Grip: 6 $\frac{1}{4}$ "

Projection: 2"

25 Series Trim: FSA/FSE, Electric Lock/Unlock



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
u	1	600293	FSA/FSE Trim Solenoid Kit	1– FSA/FSE Trim Solenoid 2– #6-32 x 1/4" Socket Hex Head Cap Screw	
v	1	600294	FSA/FSE Trim Solenoid Plunger Pkg	1– E-Trim Link 1– E-Trim Plunger 1– Spirol Pin	*
w	1	600295	FSA/FSE Pivot Pin		
ff	1	650278	FSA/FSE Trim Solenoid Spring		

* Item(s) not shown

Specifications:

Solenoid rated for continuous duty at 24V DC 0.34 Amps.

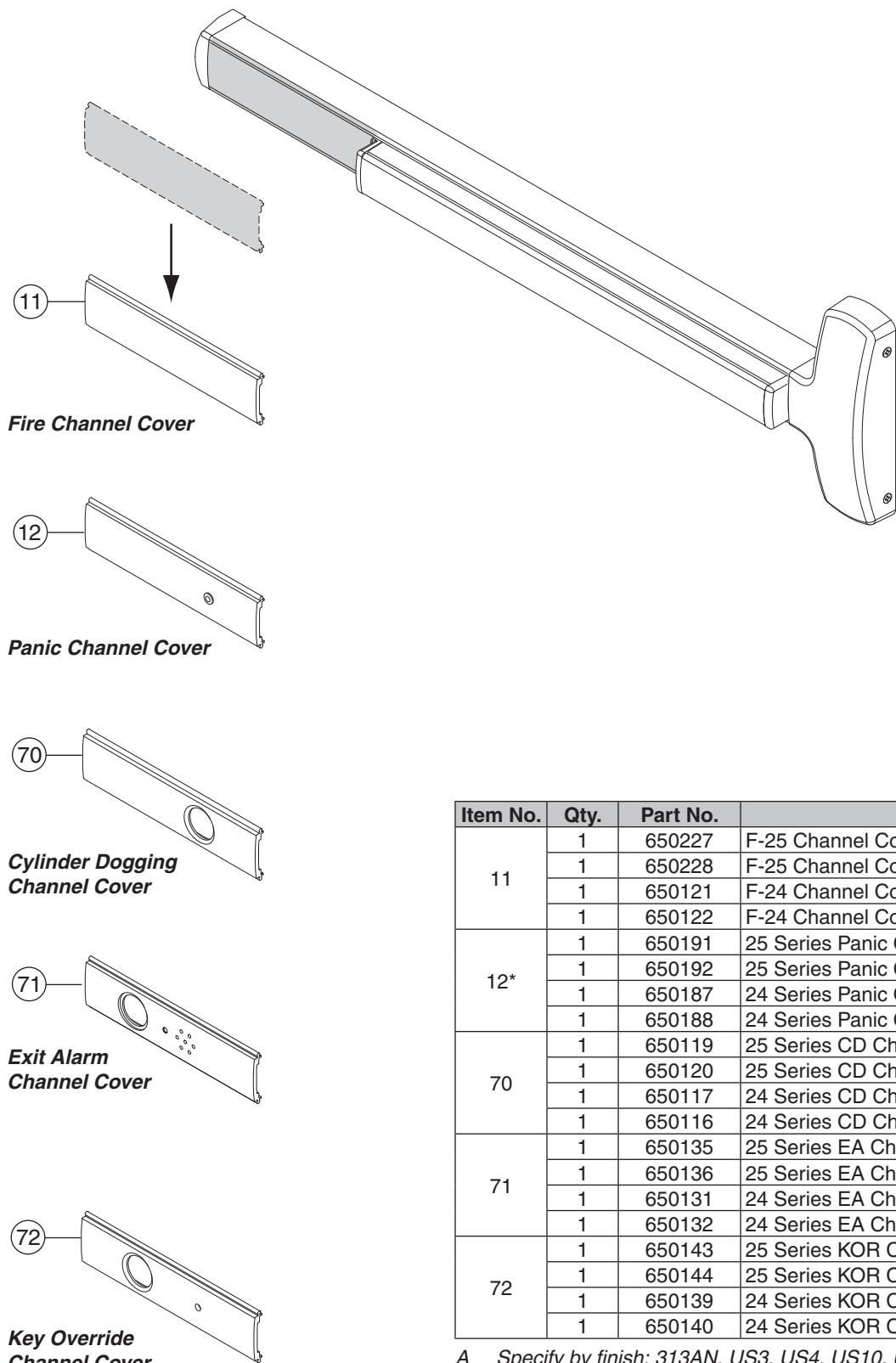
Power transfer hinge 2-wire minimum rated 1/2 Amp.

Wire Gauge Requirement:

0-500 foot wire run — 18 AWG

501-700 foot wire run — 16 AWG

24/25 Series Channel Cover Plate Options



Item No.	Qty.	Part No.	Description	Notes
11	1	650227	F-25 Channel Cover Plate 3'	A
	1	650228	F-25 Channel Cover Plate 4'	
	1	650121	F-24 Channel Cover Plate 3'	
	1	650122	F-24 Channel Cover Plate 4'	
12*	1	650191	25 Series Panic Channel Cover Plate 3'	A
	1	650192	25 Series Panic Channel Cover Plate 4'	
	1	650187	24 Series Panic Channel Cover Plate 3'	
	1	650188	24 Series Panic Channel Cover Plate 4'	
70	1	650119	25 Series CD Channel Cover Plate 3'	A
	1	650120	25 Series CD Channel Cover Plate 4'	
	1	650117	24 Series CD Channel Cover Plate 3'	
	1	650116	24 Series CD Channel Cover Plate 4'	
71	1	650135	25 Series EA Channel Cover Plate 3'	A
	1	650136	25 Series EA Channel Cover Plate 4'	
	1	650131	24 Series EA Channel Cover Plate 3'	
	1	650132	24 Series EA Channel Cover Plate 4'	
72	1	650143	25 Series KOR Channel Cover Plate 3'	A
	1	650144	25 Series KOR Channel Cover Plate 4'	
	1	650139	24 Series KOR Channel Cover Plate 3'	
	1	650140	24 Series KOR Channel Cover Plate 4'	

A Specify by finish: 313AN, US3, US4, US10, US26, US26D, US32, US32D, US28

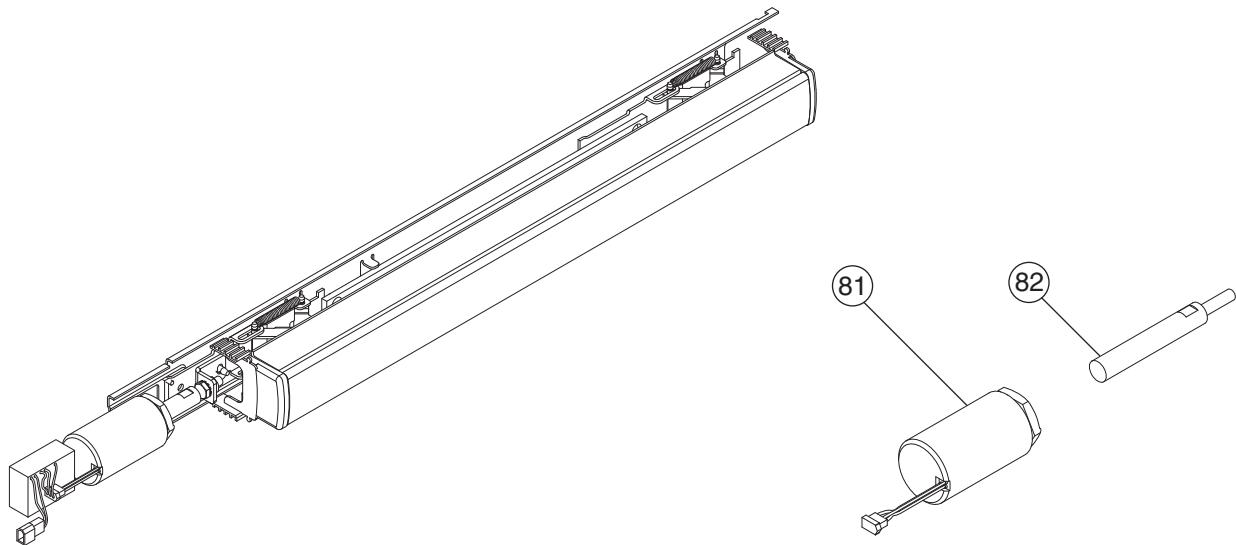
* 24 and 25 Panic Channel Cover Plates are included in the Hex Dogging Kit (part numbers shown above are Hex Dogging Kit part numbers).

24/25 Series Electrical Options

Electric Latch Retraction (EL), Exit Alarm (EA), Hard Wired Exit Alarm (HWEA)

(80) Electric Latch Retraction

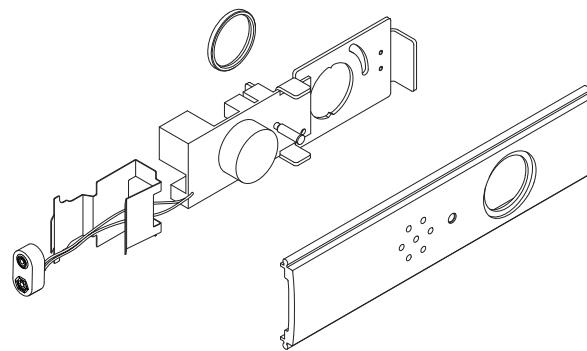
Available on all panic and fire devices. EL can be used with FSA/FSE, DM, LM, AE, and LK features. EL cannot be used with ED, EA, HWEA or KOR.



(83) Exit Alarm

Available on all panic and fire devices. EA can be used with FSA/FSE, DM, LM, and AE features.

Note: This kit is for new design Exit Alarm available as of June 2012. For Exit Alarm assemblies built prior to June 2012 a replacement Hard Wired Exit Alarm (HWEA) circuit board is available, part number 650335.



Item No.	Qty.	Part No.	Description	Notes
80	1	650147	24/25 Electric Latch Retraction (EL) Kit 3'	B
		650148	24/25 Electric Latch Retraction (EL) Kit 4'	
81	1	600320	EL Solenoid Body Pkg	
82	1	600321	EL Solenoid Plunger Pkg	
83	1	650167	25 Series Exit Alarm (EA) Kit 3'	A
		650168	25 Series Exit Alarm (EA) Kit 4'	
		650163	24 Series Exit Alarm (EA) Kit 3'	
		650164	24 Series Exit Alarm (EA) Kit 4'	

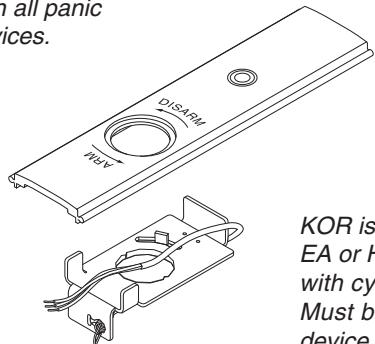
A Specify by finish: US3, US4, US10, 313AN, US26, US26D, US28, US32, US32D

B Specify by finish: SP28, US3, US4, US10, 313AN, US26, US26D, US32D

Key Override (KOR), Latch Monitoring (LM) Switch, Device Monitoring (DM) Switch, Request to Exit (RX) Switch

85 Key Override Retrofit

Available on all panic and fire devices.

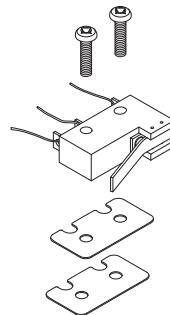


KOR is not available with EA or HWEA feature, or with cylinder dogging. Must be used with a device monitoring switch.

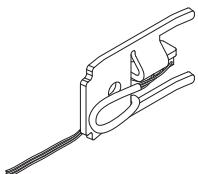
86 Latch Monitoring, Device Monitoring

Not available with 24 Fire Rim devices.

Device Monitoring cannot be used with Latch Monitoring.



87 RX Switch Kit



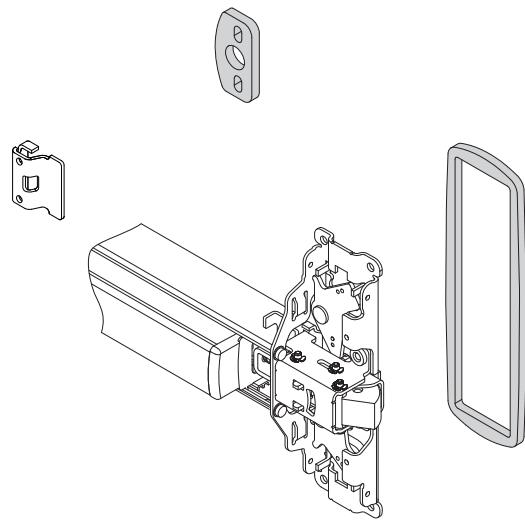
Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
85	1	25-KOR-K-3	25 Series Key Override (KOR) w/Standard Dogging Kit 3'	1– Channel Cover KOR	A
		25-KOR-K-4	25 Series Key Override (KOR) w/Standard Dogging Kit 4'	1– KOR Switch Assembly	
		24-KOR-K-3	24 Series Key Override (KOR) w/Standard Dogging Kit 3'		
		24-KOR-K-4	24 Series Key Override (KOR) w/Standard Dogging Kit 4'		
86	1	650210	Latch Monitoring (LM) Switch Service Kit	1– LM Switch Assembly 2– #2-56 x $\frac{3}{8}$ " PPHMS 2– Switch Insulator	
		650264	Device Monitoring (DM) Switch Service Kit	1– DM Switch Assembly 2– #2-56 x $\frac{3}{8}$ " PPHMS 2– Switch Insulator	
87	1	650359	24/25 Series RX Switch Kit	RX Switch Assembly	

A Specify by finish: US3, US4, US10, 313AN, US26, US26D, US28, US32, US32D

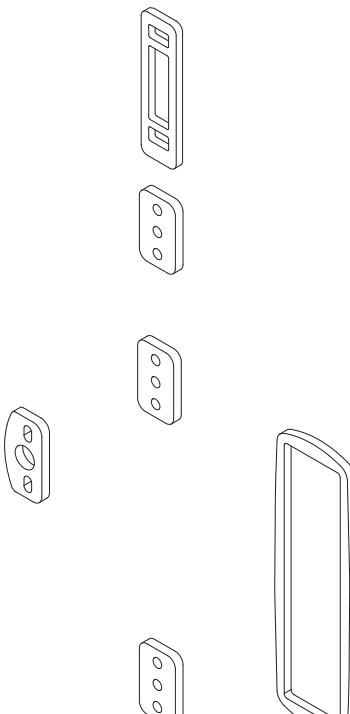
24/25 Series Miscellaneous Kits and Parts

Glass Bead Kit (GBK), Shim Kits

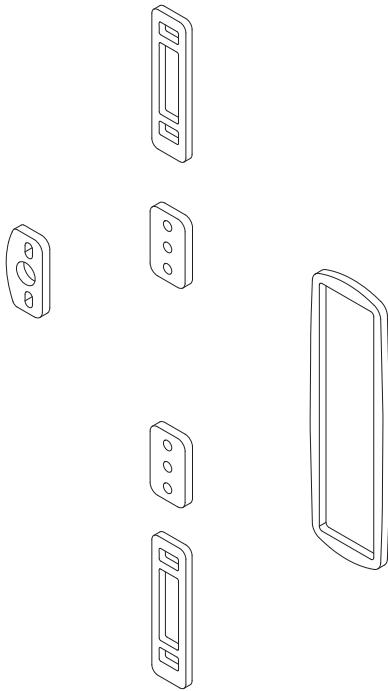
90 Rim/Mortise Shim Kit



92 Vertical Device Shim Kit, Larger than 8' Door



91 Vertical Device Shim Kit, Up to 8' Door



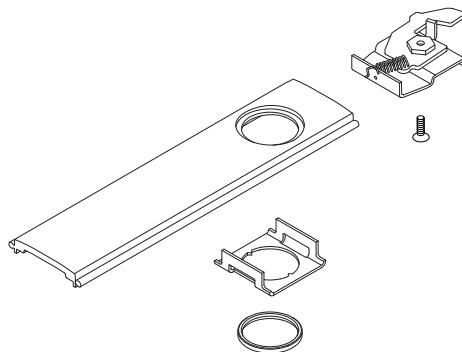
Item No.	Qty.	Part No.	Description	Notes
90	1	650109	24 Rim Shim Kit 1/4"	
		650107	25 Rim or Mortise Shim Kit 1/4"	*
91	1	650110	24 Surface Vertical Device Shim Kit 1/4", > 7' up to 8' Door	
		650108	25 Surface Vertical Device Shim Kit 1/4", > 7' up to 8' Door	*
92	1	650208	24 Surface Vertical Device Shim Kit 1/4", > 8' up to 10' Door	
		650266	25 Surface Vertical Device Shim Kit 1/4", > 8' up to 10' Door	*
*	1	650106	Retrofit Shim Kit, HH-25-R, HH-F25-R (required)	*

All Shim kits furnished in finish US19

* Item(s) not shown

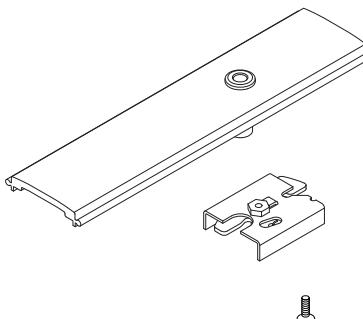
Cylinder Dogging (CD) Kit, Hex Dogging (HD) Kit and Sexbolts

94 Cylinder Dogging Kit



Available on all panic devices. CD kit requires 1 1/8" Mortise Cylinder (part number 985).

95 Hex Dogging Kit



Sexbolts



Item No.	Qty.	Part No.	Description	Pkg Contents	Notes
94	1	650159	25 Series Cylinder Dogging (CD) Kit 3'	1- CD Channel Cover	A
		650160	25 Series Cylinder Dogging (CD) Kit 4'	1- CD Dogging Subassembly	
		650155	24 Series Cylinder Dogging (CD) Kit 3'	1- #8-32 x 3/8" UFPHMS	
		650156	24 Series Cylinder Dogging (CD) Kit 4'	1- Cylinder Retaining Bracket 1- Cylinder Collar	
95	1	650191	25 Series Hex Dogging (HD) Kit 3'	1- Panic Channel Cover	A
		650192	25 Series Hex Dogging (HD) Kit 4'	1- Dogging Subassembly	
		650187	24 Series Hex Dogging (HD) Kit 3'	1- #8-32 x 3/8" UFPHMS	
		650188	24 Series Hex Dogging (HD) Kit 4'		
96	2	325	1/4-20 Sexbolt		* B
97	2	425	#10-24 Sexbolt		* B

* Sold separately

A Specify by finish: US3, US4, US10, 313AN, US26, US32, US26D, US32D, US28

B Specify by finish: US3, US4, US10, SP313, US32, US32D

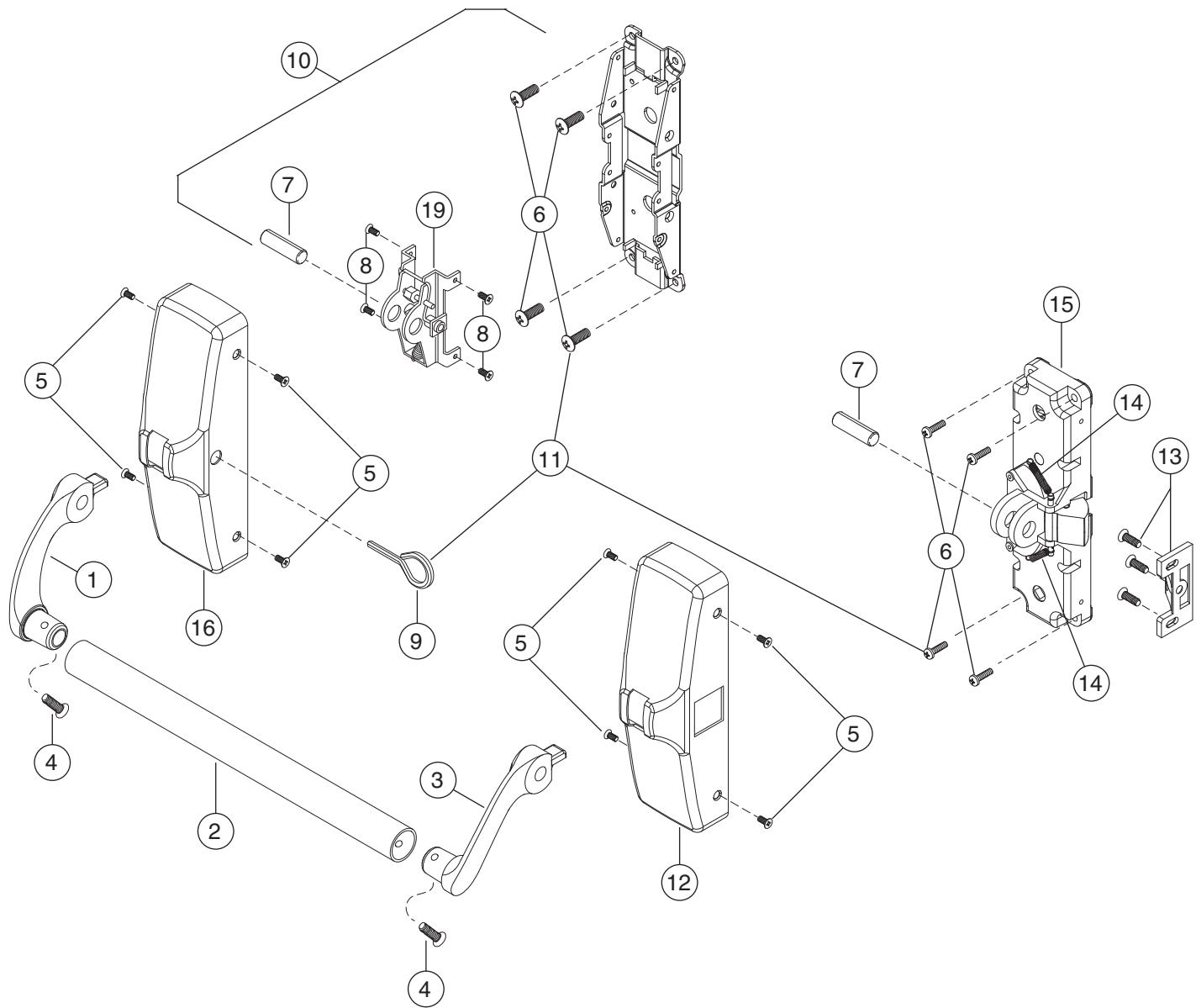
Refill Parts/Packages

Part No.	Description	Qty	WHERE USED													
			Device						Trims							
			24R	24V	24C	25R	25M	25V	25C	510	511	512	513	711	712	718
650311	Rod Guide Pkg US32D	6		•					•							
	Rod Guide Pkg SP28	2		•					•							
	Rod Guide Pkg SP313	2		•					•							
060109	Dogging Key 7/32", package of 10	1	•	•	•	•	•	•	•							
600314	Cylinder Nut	10												•	•	•
4208	CD/EA/KOR Cylinder Retainer Bracket	30	•	•	•	•	•	•	•							
060126	512/718 Lever Washer, package of 10	1													•	
4275	712 Spring Plate	10													•	
4326	Lever Spring Clip	10													•	
4841	Lever Return Spring	10													•	
060115	FSA/FSE Trim Screw 1 3/4" US3, US4, US10, pkg of 10	5												•		
	FSA/FSE Trim Screw 1 3/4" SP313, pkg of 10	5												•		
	FSA/FSE Trim Screw 1 3/4" US26, US32, US26D, US32D, SP28, pkg of 10	5												•		
640001	24 Plastic Mounting Template	2	•	•	•											
640002	25 Plastic Mounting Template	2				•	•	•	•							
060111	Cotter Key 1/8" x 1", package of 10	5		•	•				•	•						
600279	Cylinder Nut Tool, package of 5	2									•	•	•	•	•	
060125	FSA/FSE Pivot Pin, package of 10	2	•	•	•	•	•	•	•	•						
600319	24/25 Pushbar Guide, package of 2	10	•	•	•	•	•	•	•	•						
600278	500 Series Cylinder Locknut	10									•	•	•	•	•	
2729F	Sex Bolt with machine screw, #10-24 x 3/4" FPHMS	10				•	•	•	•	•						
2729P	Sex Bolt with machine screw, #10-24 x 3/4" PPHMS	50				•	•	•	•	•						
600307	24/25 Center Case Cover Screw US3, package of 4	12	•	•	•	•	•	•	•	•						
	24/25 Center Case Cover Screw US4, package of 4	12	•	•	•	•	•	•	•	•						
	24/25 Center Case Cover Screw US10, package of 4	12	•	•	•	•	•	•	•	•						
	24/25 Center Case Cover Screw SP313, package of 4	12	•	•	•	•	•	•	•	•						
	24/25 Center Case Cover Screw US26, US32, US26D, US32D, SP28, package of 4	12	•	•	•	•	•	•	•	•						
600277	510/511/513 Spindle Cam Retaining Ring, pkg of 10	2									•	•				
970321	299 Strike Shim	20	•	•	•	•	•	•	•	•						
325	Sex Bolt 1/4 -20 thread US32D, package of 2	10	•	•	•						•					
425	Sex Bolt #10-24 thread US32D package of 2	10	•	•	•	•	•	•	•	•						

24/25 Series Maintenance Kit, Part Number 650277-00, includes all parts shown above, with additional parts not shown.

XX-Rim Exit Device

Panic



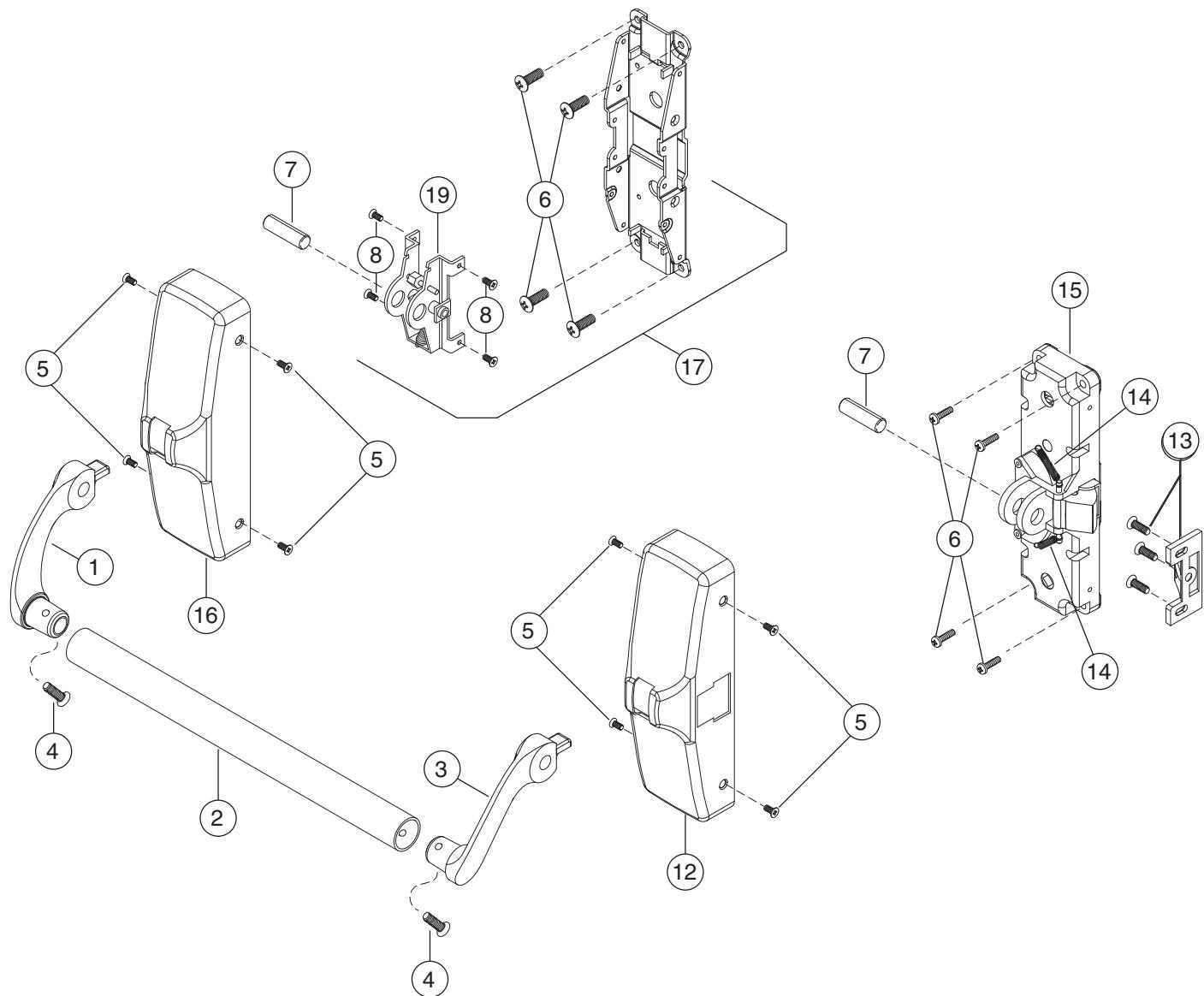
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Series Lever Arm LH	A
2	1	3767	XX Series Crossbar	A
3	1	3746	XX Series Lever Arm RH	A
4	2	660025	1/4-20 x 1/2" Crossbar Retaining Screw	
5	1	650336	Center Case Cover Mtg Pkg (US32D)	
6	1	650113	XX-R Service Mtg Pkg	
7	2	3749	XX Series Lever Arm Axle	
8	1	060121	Latch Cover Screw package of 10 (US4, US10B, US32D)	B
9	1	060109	Hex Dogging Key 7/32" package of 10	
10	1	584	XX Series End Case Assembly	
11	1	600127	XX-R Mounting Package (includes Service Mtg Pkg (650113) and Hex Dogging Key (060109))	
12	1	3740	XX-R Series Center Case Cover	A
13	1	F570	F570 Strike (US19)	
14	2	3770	XX-R Main Cam Spring	
15	1	585	XX-R-EO/TP Center Case Assembly - Panic	
16	1	3741	XX Series End Case Cover	
19	1	610044	XX Axle Support Housing Assembly	

A Specify by finish: SP313, US3, US4, US10, US10B, US26, US26D, US32, US32D

B Specify by finish shown

F-XX-Rim Exit Device

Fire

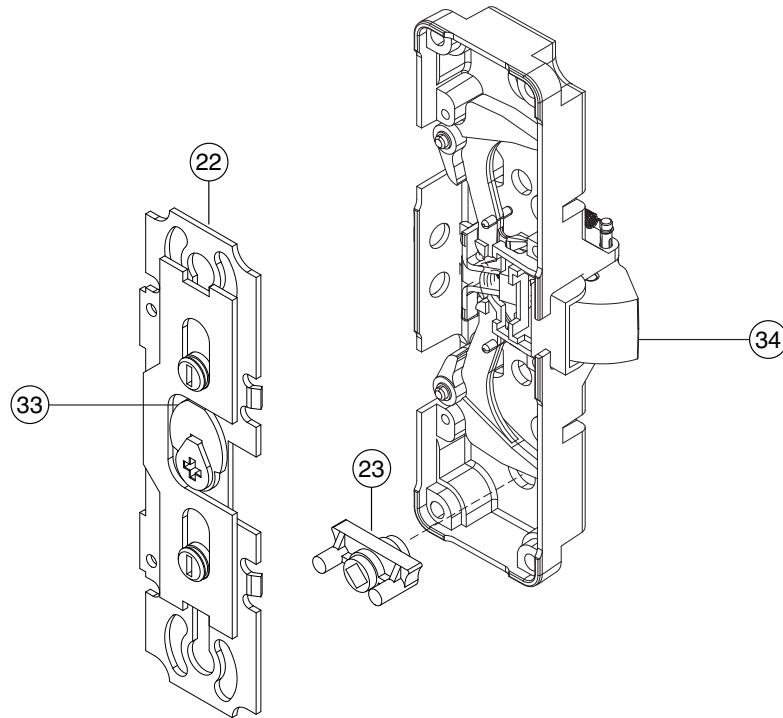


Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Series Lever Arm LH	A
2	1	3767	XX Series Crossbar	A
3	1	3746	XX Series Lever Arm RH	A
4	2	660025	1/4-20 x 1/2" Crossbar Retaining Screw	
5	1	600140	Center Case Cover Mtg Pkg (US32D)	
6	1	650133	F-XX-R Service Mtg Pkg	
7	2	3749	XX Series Lever Arm Axle	
8	1	060121	Latch Cover Screw package of 10 (specify by finish: US4, US10B, US32D)	
9	1	060109	Hex Dogging Key 7/32" package of 10	
12	1	3740	XX-R Center Case Cover	A
13	1	F570	F570 Strike (US19)	
14	2	3770	XX-R Main Cam Spring	
15	1	685	XX R-EO/TP Center Case Assembly - Fire	
16	1	3741	XX Series End Case Cover	A
17	1	684	XX End Case Assembly - Fire	
19	1	610044	XX Axle Support Housing Assembly	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

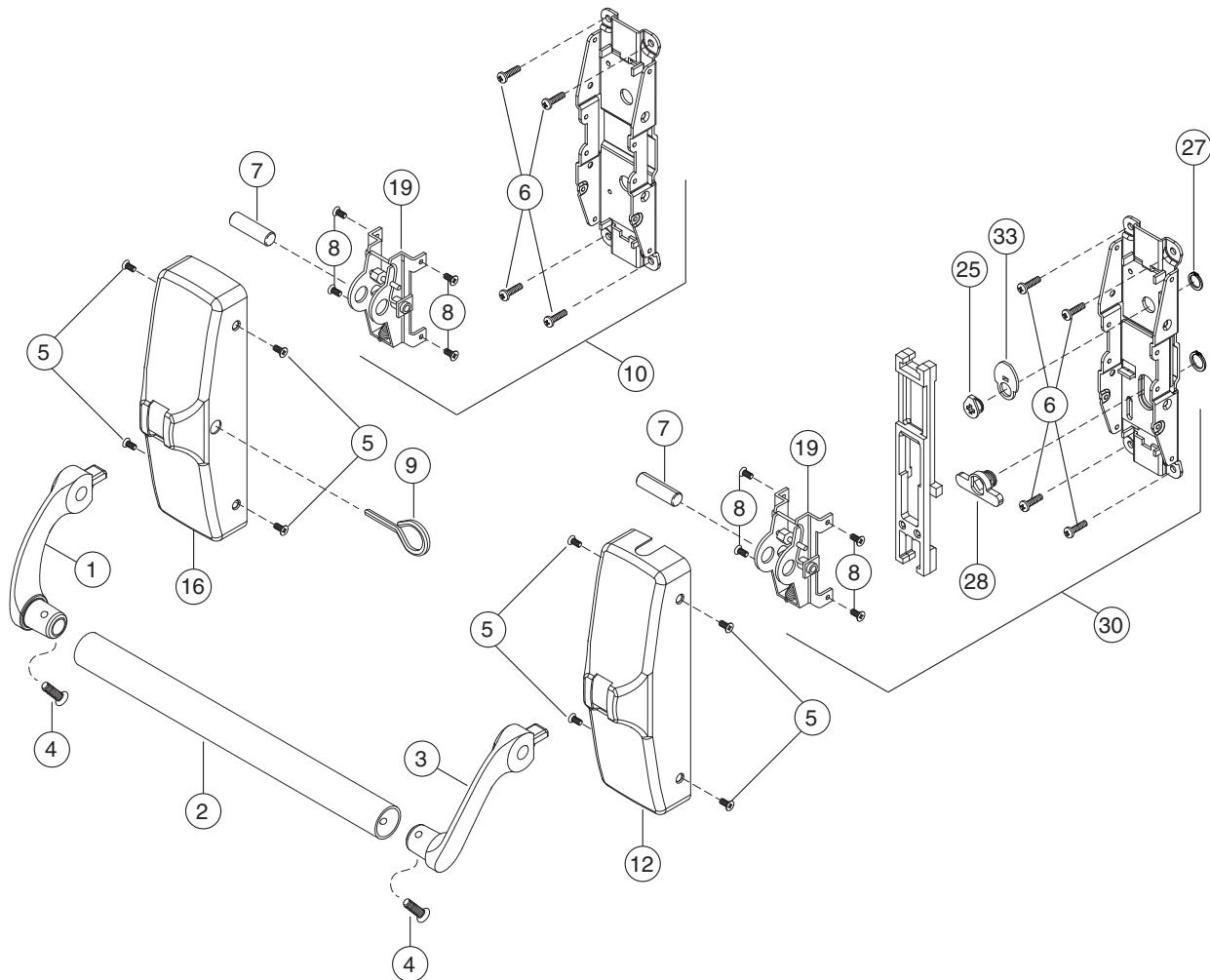
(F)XX-Rim Center Case

Panic and Fire



Item No.	Qty.	Part No.	Description	Notes
22	1	610070	XX-R Back Plate	
23	1	3755	XX-R Knob Cam	A
33	1	3762	Locking Cam	
34	1	661180	(F) XX-R Latchbolt Assembly	

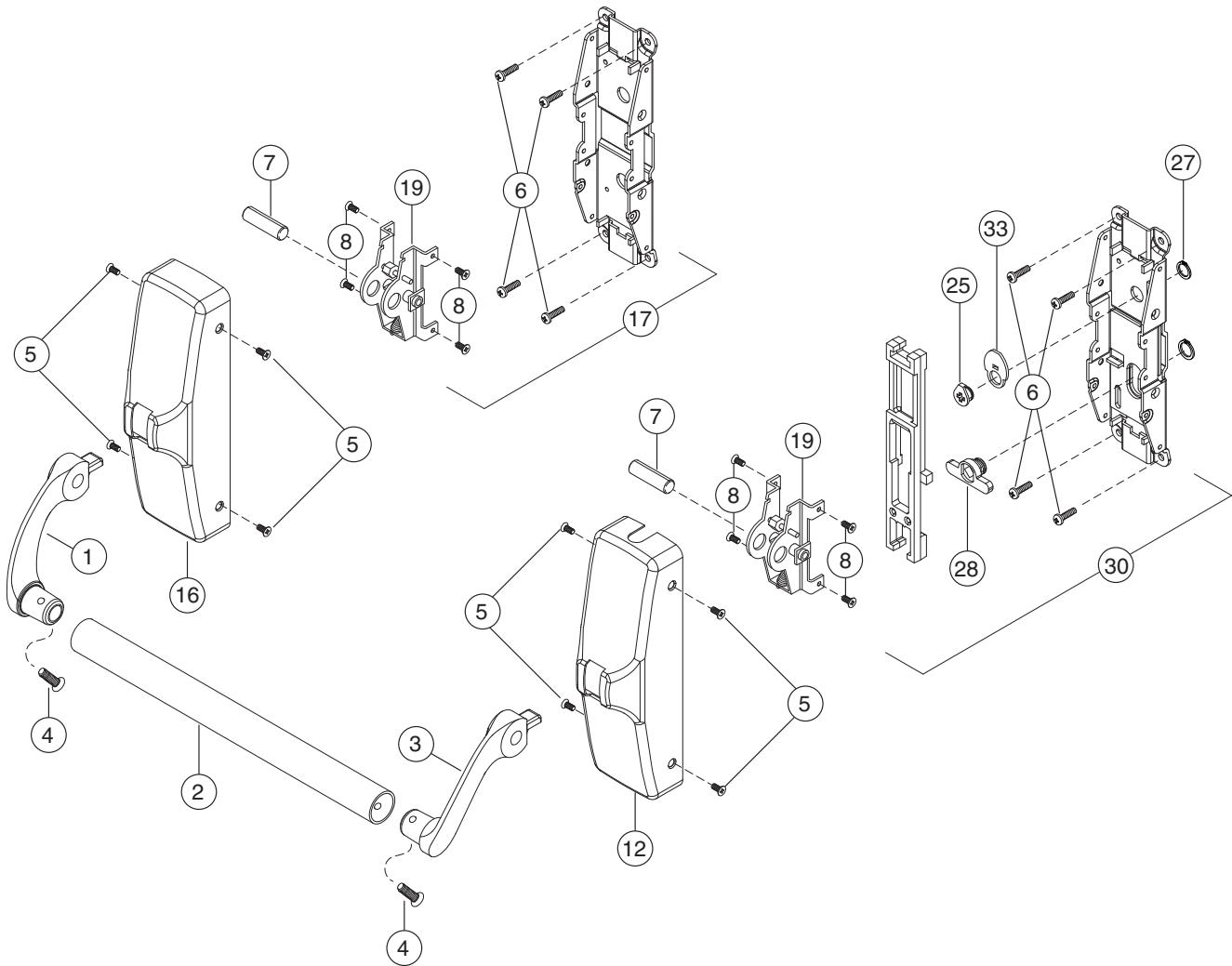
A Used in K/L functions only.

XX-V Surface Vertical Rod Exit Device**Panic**

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4-20 x 1/2" Crossbar Retaining Screw	
5	1	600140	Center Case Cover Mounting Package (US32D)	
6	1	650332	XX-V Mounting Package	
7	2	3749	XX Series Axle	
8	1	060121	Latch Cover Screw package of 10 (specify by finish: US4, US10B, US32D)	
9	1	060109	7/32" Hex Dogging Key package of 10	
10	1	584	XX End Case Assembly	
12	1	3742	XX-V Center Case Cover	A
16	1	3741	XX Series End Case Cover	A
19	2	610044	XX Axle Support Housing Assembly	
24	1	3742	XX Vertical Active Center Case Cover	
25	1	3566	Locking Cam Operator	
27	1	660439	Retaining Ring	
28	1	3775	Knob Cam	B
30	1	582	XX-V-K/L Center Case Assembly	
		587	XX-V-EO Active Center Case Assembly	
33	1	3762	Locking Cam	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

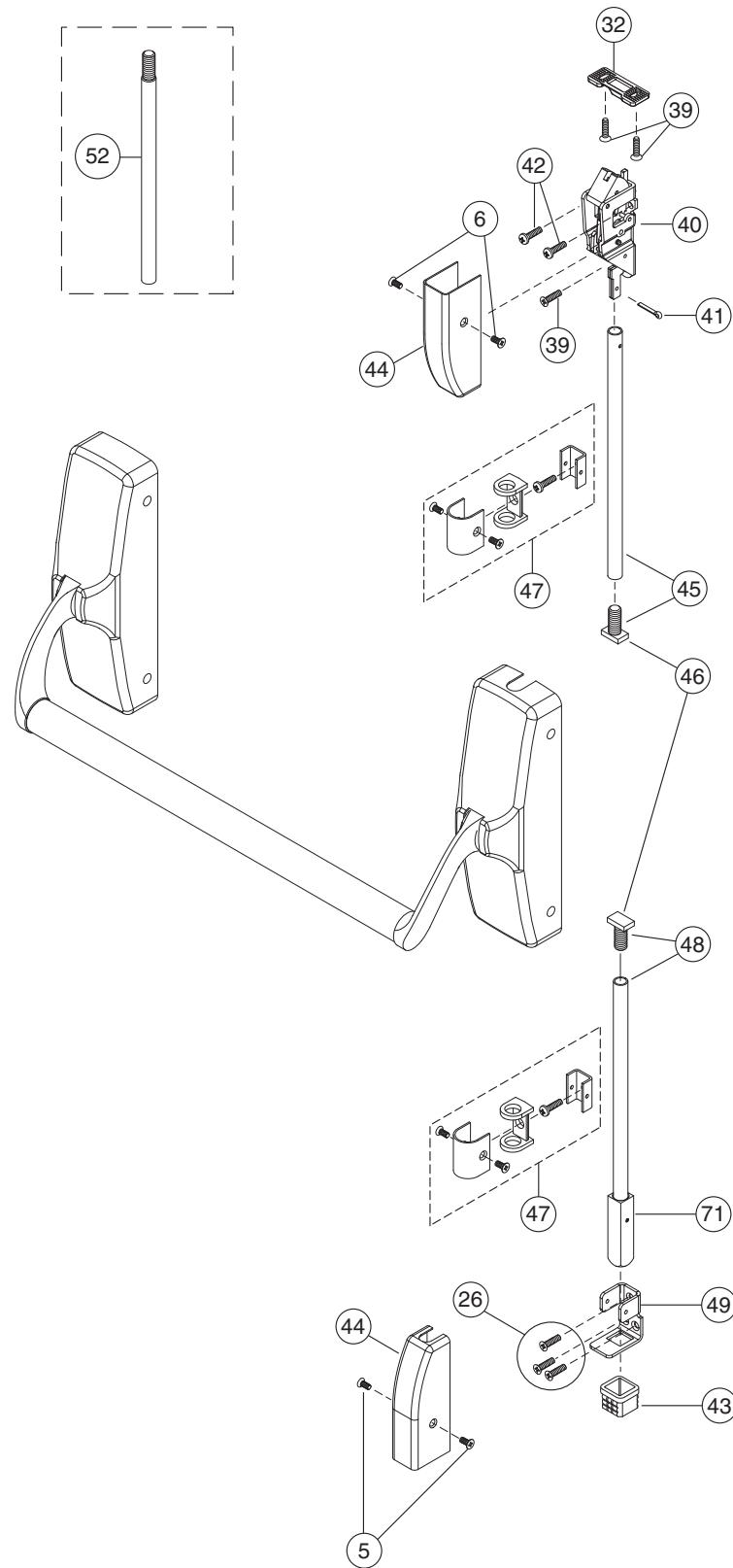
B K/L function only.

F-XX-V Surface Vertical Rod Exit Device**Fire**

Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm LH	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm RH	A
4	2	660025	1/4-20 x 1/2" Crossbar Retaining Screw	
5	1	600140	Center Case Cover Mounting Package (US32D)	
6	1	650134	F-XX-V Mounting Package	
7	2	3749	XX Series Lever Arm Axle	
8	1	060121	Latch Cover Screw package of 10 (specify by finish: US4, US10B, US32D)	
12	1	3742	F-XX Series Center Case Cover	A
16	1	3741	XX Series End Case Cover	A
17	1	684	F-XX Series End Case Assembly	
19	2	610214	F-XX Axle Support Housing Assembly	
25	1	3566	Locking Cam Operator	
27	1	660439	Retaining Ring	
28	1	3775	XX-R Knob Cam	B
30	1	687	F-XX-V-EO Center Case	
		F582	F-XX-V-K/L Center Case	
		F583	F-XX-V-TP Center Case	
33	1	3762	Locking Cam	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

B K/L function only.

(F)XX-V Surface Vertical Rods and Latches**Panic and Fire**

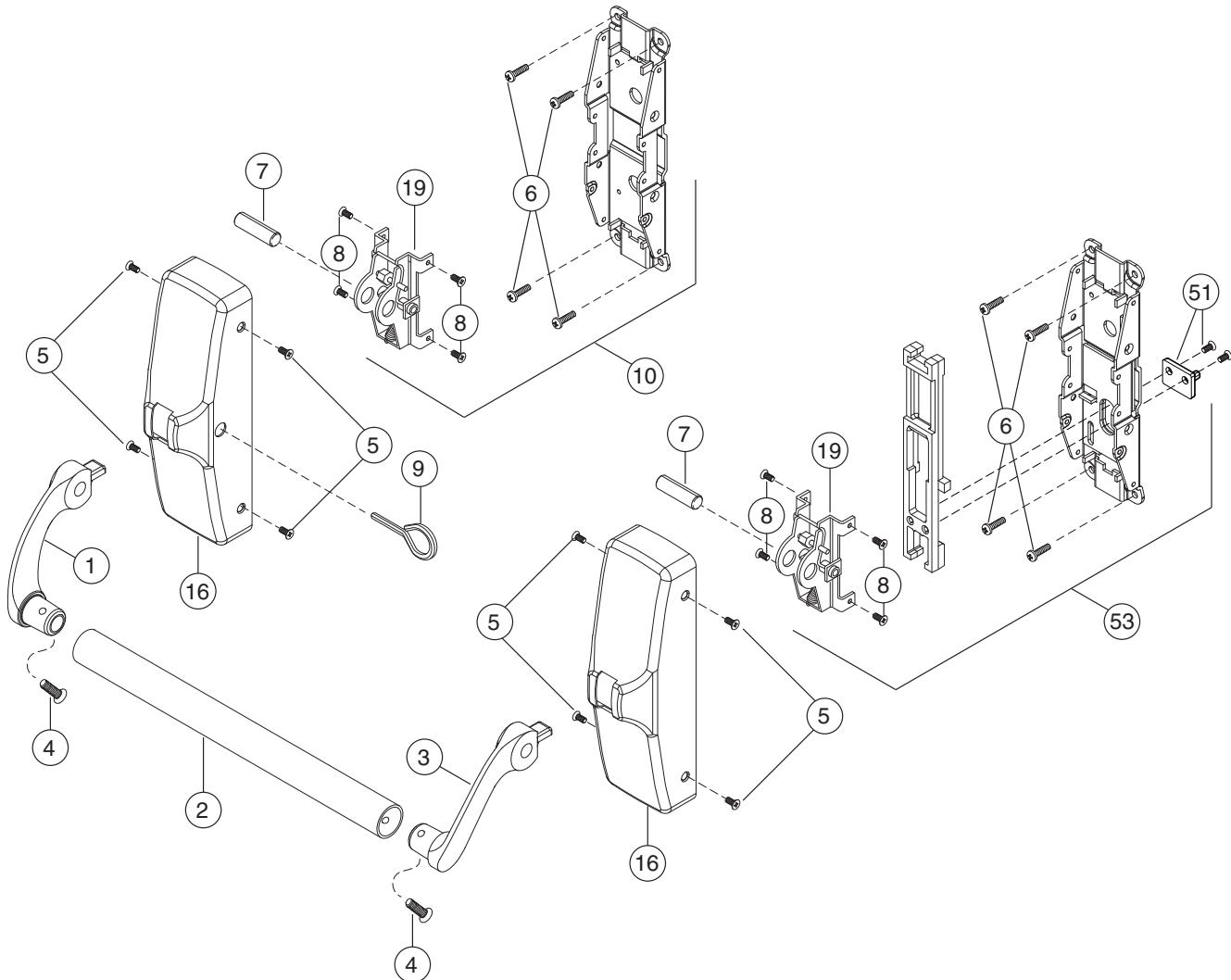
Item No.	Qty.	Part No.	Description	Notes
6	1	650336	Latch Case Cover Mounting Package (US4, US10B, US32D)	B
26	3	660002	10 x 1 1/4" FPHSMS	
	3	660078	10-24 x 3/4" FPHMS (Fire)	
32	1	3788	3788 Strike	
39	3	660002	10 x 1 1/4" FPHSMS	
40	1	650389	XX Surface Vertical Top Latch Case Subassembly - Panic	
	1	650375	XX Surface Vertical Top Latch Case Subassembly - Fire	
41	1	060111	1/8 x 1" Cotter Key package of 10	
42	2	660004	10 x 1 1/4" PPHSMS	
43	1	2130	2130 Strike	
44	1	650202	XX-V Latch Case Cover Kit	A
45	1	3777	XX-V Top Rod Subassembly	
46	1	4400	Rod Adj. Screw	
47	2	650311	Rod Guide Kit	A
48	1	610055	XX-V Bottom Rod Assembly	
49	1	650387	Bottom Bolt Guide Bracket (screws not included)	A
52	1	650006	XX-V Extension Rod 12"	A
	1	650007	XX-V Extension Rod 24"	A
	1	650008	XX-V Extension Rod 36"	A
71	1	610045	Bottom Bolt Assembly	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

B Specify by finish shown

XX-C Concealed Vertical Rod Exit Device

Panic



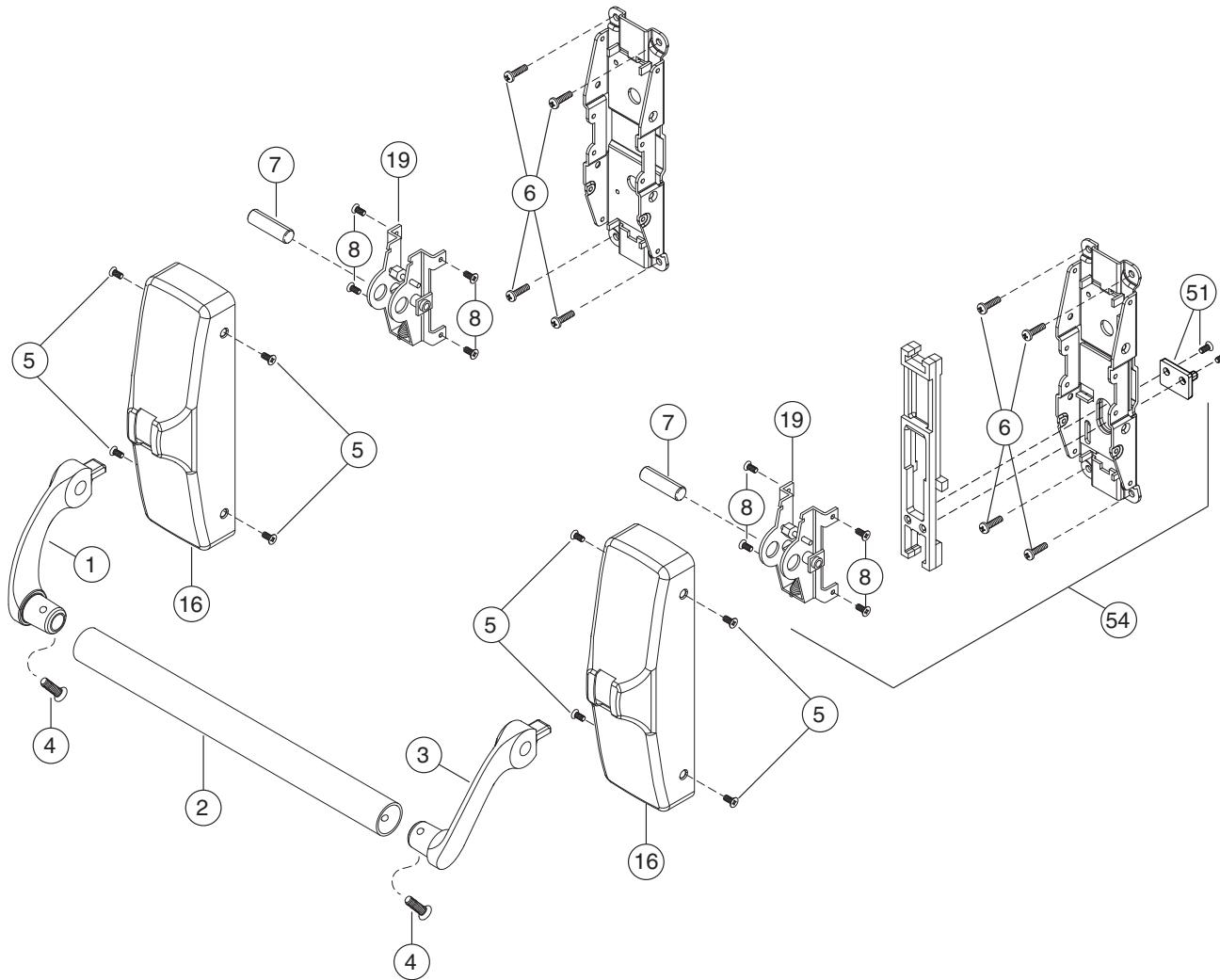
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4 - 20 x 1/2" Crossbar Retaining Screw	
5	4	600140	Center Case Cover Mounting Package	
6	1	650318	XX-C Mounting Package	
7	2	3749	XX Lever Arm Axle	
8	4	060121	Latch Cover Screw package of 10 (US4, US10B, US32D)	B
9	1	060109	7/32" Hex Dogging Key package of 10	
10	1	584	XX Series End Case Assembly	
16	2	3741	XX Series End Case Cover	A
19	2	610044	XX Axle Support Housing Assembly	
24	1	3742	XX Vertical Active Center Case Cover	
51	1	650263	Finger Kit	
53	1	591	XX-C Active Center Case Assembly	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

B Specify by finish shown

F-XX-C Concealed Vertical Rod Exit Device

Fire



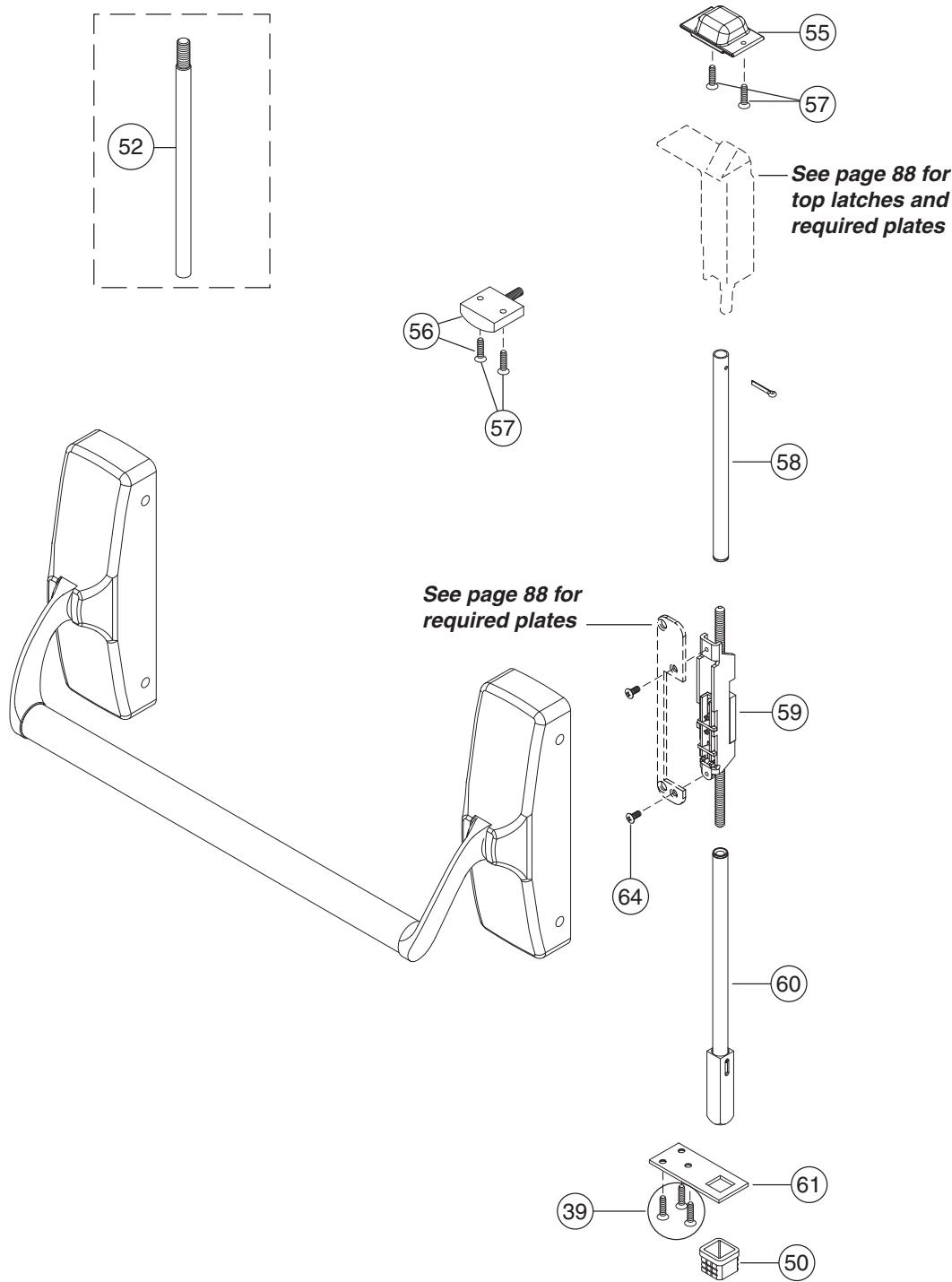
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4 - 20 x 1/2" Crossbar Retaining Screw	
5	4	600140	Center Case Cover Mounting Package	
6	1	650317	F-XX-C Mounting Package	
7	2	3749	XX Lever Arm Axle	
8	4	060121	Latch Cover Screw package of 10 (US4, US10B, US32D)	B
16	2	3741	XX Series End Case Cover - Fire	A
19	2	610214	XX Axle Support Housing Assembly - Fire	
24	1	3742	XX Vertical Active Center Case Cover	
51	1	650263	Finger Kit	
54	1	691	F-XX-C Active Center Case Assembly	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

B Specify by finish shown

(F)XX-C Concealed Vertical Rods and Latches

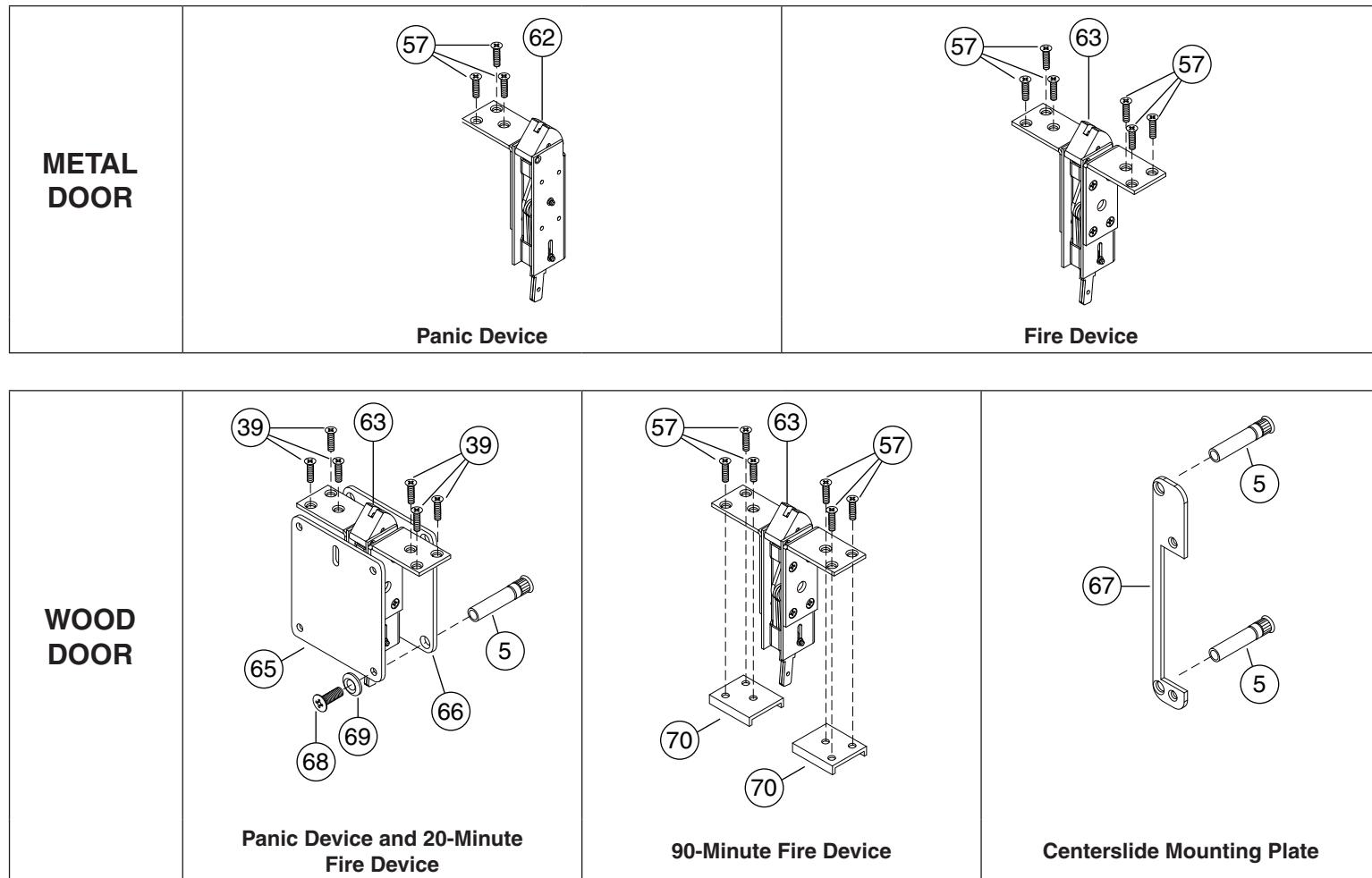
Panic and Fire



Item No.	Qty.	Part No.	Description	Notes
39	3	660002	10 x 1 1/4" FPHSMS	
50	1	2130	2130 Strike	
52	1	650006	XX-V Extension Rod 12"	
	1	650007	XX-V Extension Rod 24"	
	1	650008	XX-V Extension Rod 36"	
55	2	4188	4188 Strike	
56	1	650339	XX-C Top Latch Release Bracket Package	
57	2	660078	10-24 x 3/4" FPHMS	
58	1	610061	(F)XX-C Top Rod Kit	
59	1	610037	Center Slide Sub Assembly	
60	1	610057	(F)XX-C, CWDC Bottom Rod Kit	
61	1	4567	Bottom Bolt Guide	
64	2	660133	#8-32 3/8" UFPHMS	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

(F)XX-C Concealed Vertical Top Latches and Plates



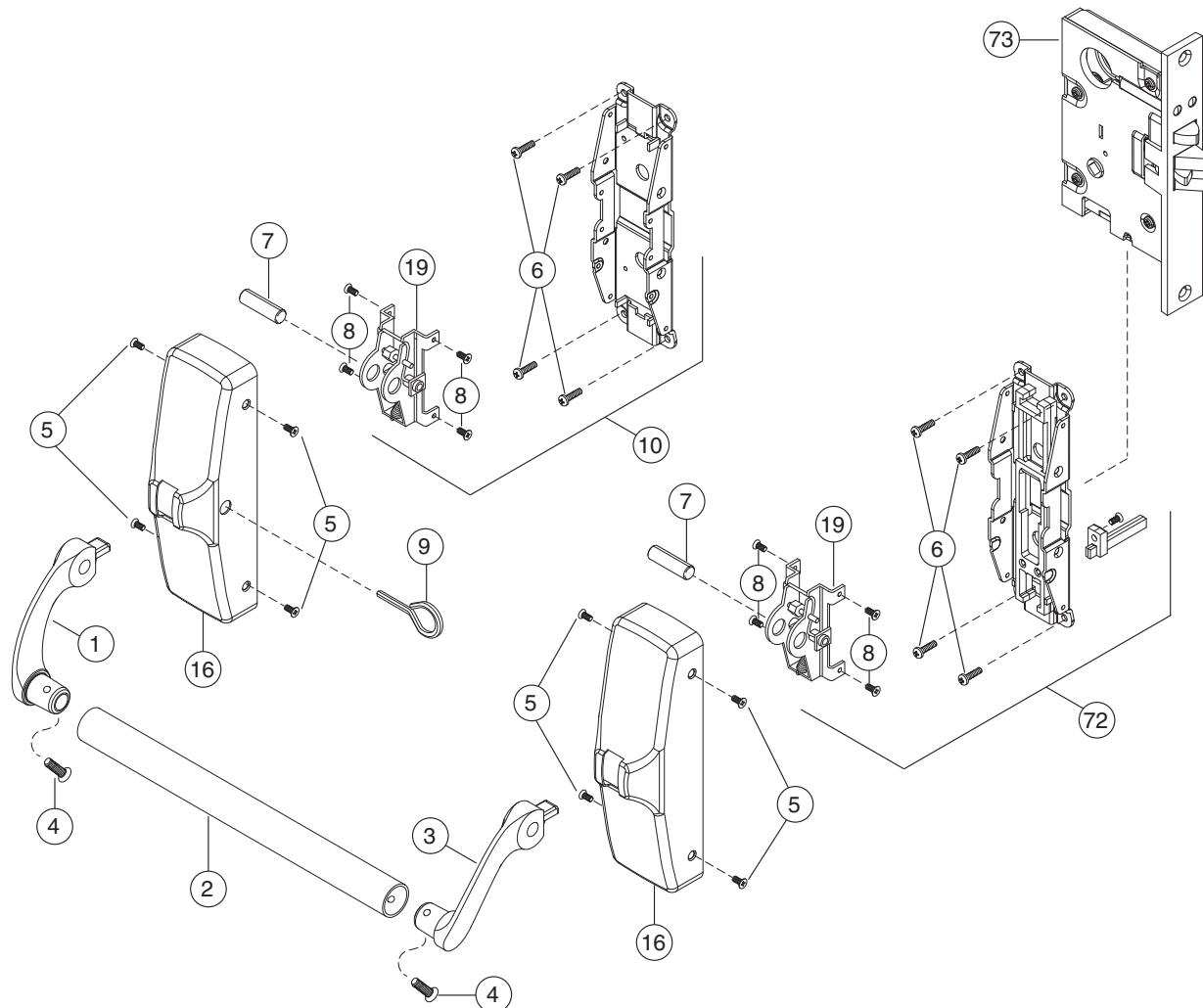
Item No.	Qty.	Part No.	Description	Notes
5	1	4122	Sex Bolt, package of 1, includes machine screw (1/2 - 20 x 3/4" PPHMS) (US10B, US26D, BRS)	B
39	6	660002	10 x 1 1/4" FPHSMS	
57	6	600078	10-24 x 3/4" FPHMS (Fire)	
62	1	603L	XX-C Top Latch Case LHR	
	1	603R	XX-C Top Latch Case RHR	
63	1	F603	F-XX-C, CWDC Top Latch Case	
65	1	4834	Top Reinforcement Plate with Access Hole	A
66	1	4833	Top Reinforcement Plate	A
67	1	4832	XX-CWDC Center Slide Reinforcement Plate	
68	1	660044	1/4 - 20 x 3/4" FPHMS	
69	1	660429	1/4" CSK Finish Washer	
70	2	4694	Latch Bracket	

A Specify by finish: US3, US4, US10, US10B, US15, US26, US26D, SP28, SP313

B Specify by finish shown

XX-M Mortise Exit Device

Panic



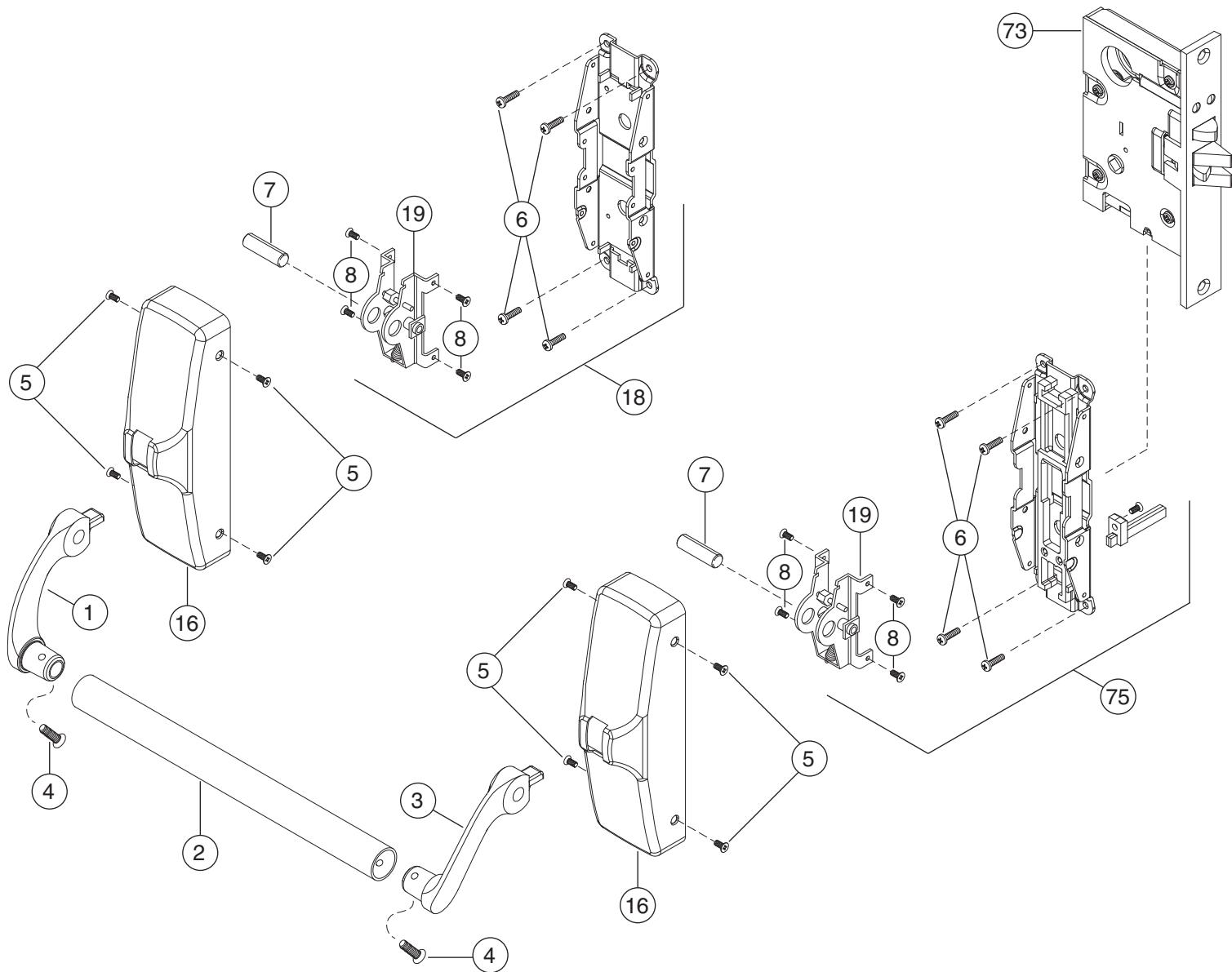
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4-20 x 1/2" Crossbar Retaining Screw	
5	1	650336	Latch Case Cover Mounting Package (US4, US10B, US32D)	B
6	1	650137	XX-M Service Mounting Package	
7	2	3749	XX Lever Arm Axle	
8	4	060121	Latch Cover Screw package of 10 (US4, US10B, US32D)	B
9	1	2789	Hex Dogging Key 7/32" package of 10	
10	1	584	XX End Case Assembly	
16	2	3741	XX Series End Case Cover	A
19	2	610044	XX Axe Support Housing Assembly	
73	1		Mortise Lock - 8500 x Function x Handing	A
75	1	650145	XX-Mortise Center Case LHR	
		650146	XX-Mortise Center Case RHR	

A Specify by finish: SP313, US3, US4, US10, US26, US26D, US32, US32D

B Specify by finish shown

F-XX-M Mortise Exit Device

Fire



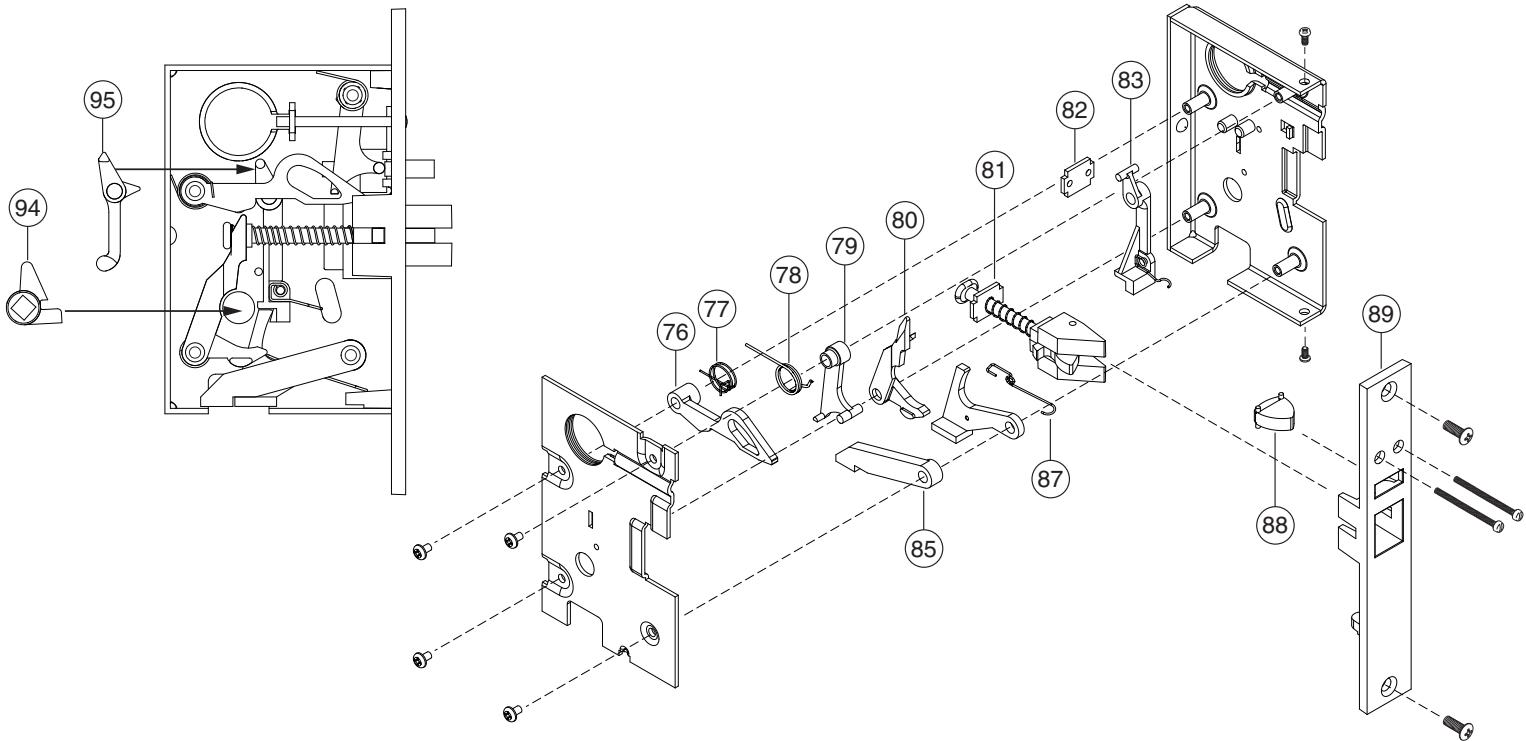
Item No.	Qty.	Part No.	Description	Notes
1	1	3747	XX Lever Arm Left Hand	A
2	1	3767	XX Crossbar	A
3	1	3746	XX Lever Arm Right Hand	A
4	2	660025	1/4-20 x 1/2" Crossbar Retaining Screw	
5	4	650336	Latch Case Cover Mounting Package (US4, US10B, US32D)	B
6	1	650138	F-XX-M Service Mounting Package	
7	2	3749	XX Lever Arm Axle	
8	4	060121	Latch Cover Screw package of 10 (US4, US10B, US32D)	B
16	2	3741	XX Series End Case Cover - Fire	A
18	1	684	F-XX End Case Assembly	
19	2	610044	Axle Support Assembly	
73	1		Mortise Lock - 8500 x Function x Handing	A
75	1	650149	F-XX-Mortise Center Case LHR	
		650150	F-XX-Mortise Center Case RHR	

A Specify by finish: US3, US4, US10, US10B, US26, US26D

B Specify by finish shown

(F)XX-M Mortise Lock

Panic and Fire



Item No.	Qty.	Part No.	Description	Notes
76	1	4067	Locking Arm	
77	1	3518	Dead Lock Arm Spring	D
78	1	661473	Auxiliary Bolt Spring	
79	1	3530	Auxiliary Bolt Actuator	
80	1	3521	Actuating Arm	
81	1	610041	8500 Latch Bolt Assembly	
82	1	4025	Cylinder Screw Retainer	C
83	1	610042	Locking Arm and Spring Assembly	C, D
85	1	3522	Main Lift	
87	1	3516	T-Lift Spring	
88	1	3529	Auxiliary Bolt (US26D)	
89	1	3515	Mortise Lock Face	E
94	1	3519	Mortise K-Hub	B, C
95	1	3542	Clinder Operating Arm	C, F

B Used in K/L trim functions only.

C Omit for "BE" trim function.

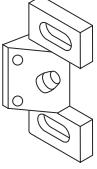
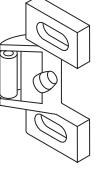
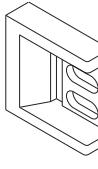
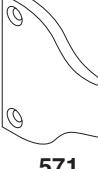
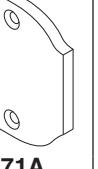
D Dead lock arm spring (Part No. 3518) required for NL function. Remove existing spring and screw from locking arm for NL.

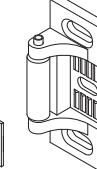
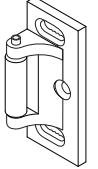
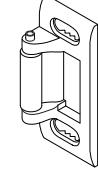
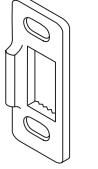
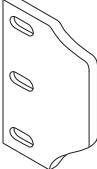
E Available only in US3, US4, US10, US10B, US26, US26D

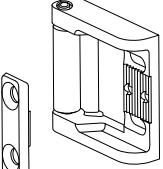
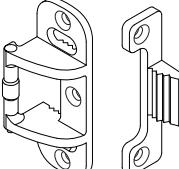
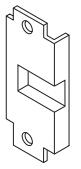
F NL function only.

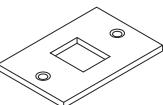
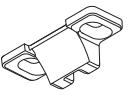
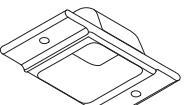
Strikes

19, 24, 25 and XX Series Device, Top and Bottom Strikes

F570 Standard 19/XX Rim Panic and Fire Devices	F490 Optional 19/XX Rim Panic and Fire Devices	565 Optional 19/XX Rim Panic Devices	571/571A Optional 19/XX Rim Inactive Leaf	579 Optional XX Rim Panic Devices
			 571	 571A

299 Standard 24/25 Rim Panic Devices Single or Double Door	299F Standard 24/25 Rim Fire Devices Single or Double Door	264 Optional 24/25 Rim Panic Devices Single or Double Door	1606 Optional 24/25 Rim Panic Devices Single or Double Door	1609 Optional 25 Rim Devices Single or Double Door
				

1439 Optional 24/25 Rim Panic Devices Single or Double Door	499F Optional 25 Rim Fire Devices with Mullion	1279 Standard 25/XX Mortise Panic and Fire Devices	F1280 Optional 25 Fire Devices	2130 Standard Bottom Strike 19-V, 24/25/XX-V,C Panic and Fire Devices
				

4155 Optional Bottom Strike 19-V, 24/25/XX-V,C Panic or Fire Devices	3788 Standard Top Strike 19/24/25/XX-V Panic or Fire Devices	4188 Standard Top Strike 24/25/XX-C, CWDC Panic or Fire Devices
		

Optional 4188 NS (narrow stile) available for 24-C and 24-CWDC devices (not shown).

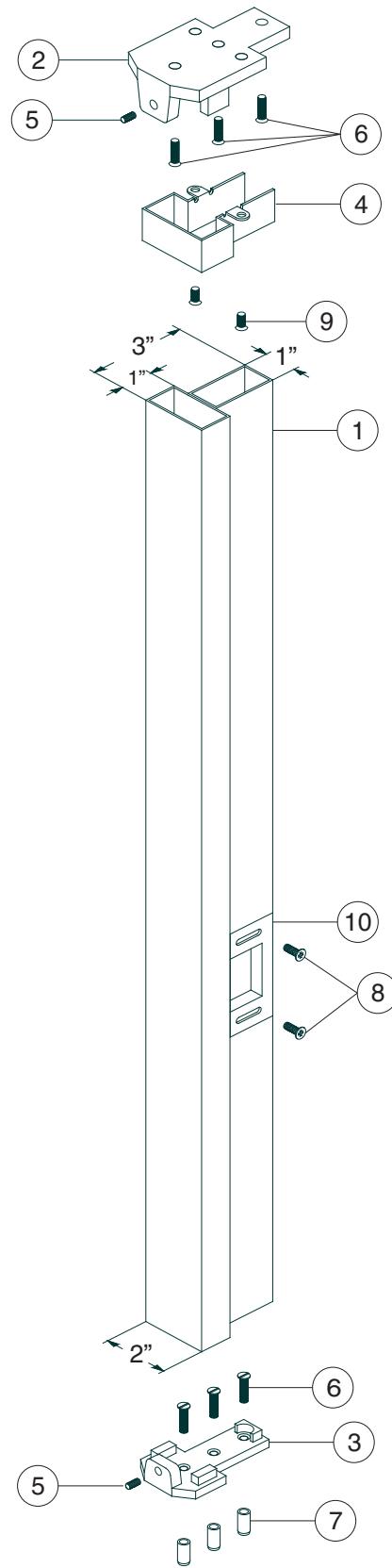
Strike Finishes

Strike(s)	Available Finish(es)
F490, 1606, 3788, 4188, 2130, 1279, F1280	Unfinished
264	US19, US26D
299	US19, US26D, US4, US10, SP313, US3, US26
299F	US19, US32D, US4, US10, US10B, US3, US32
499F, F570, 1439	US19
565, 579, 4155	US26D, US4, US10, SP313, US10B, US3, US26
571, 571A	US32D, US10, SP313, US10B, US32
1609	US19, US26D, US4, US10, US10B, US3, US26

Mullions

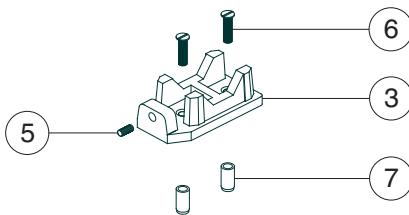
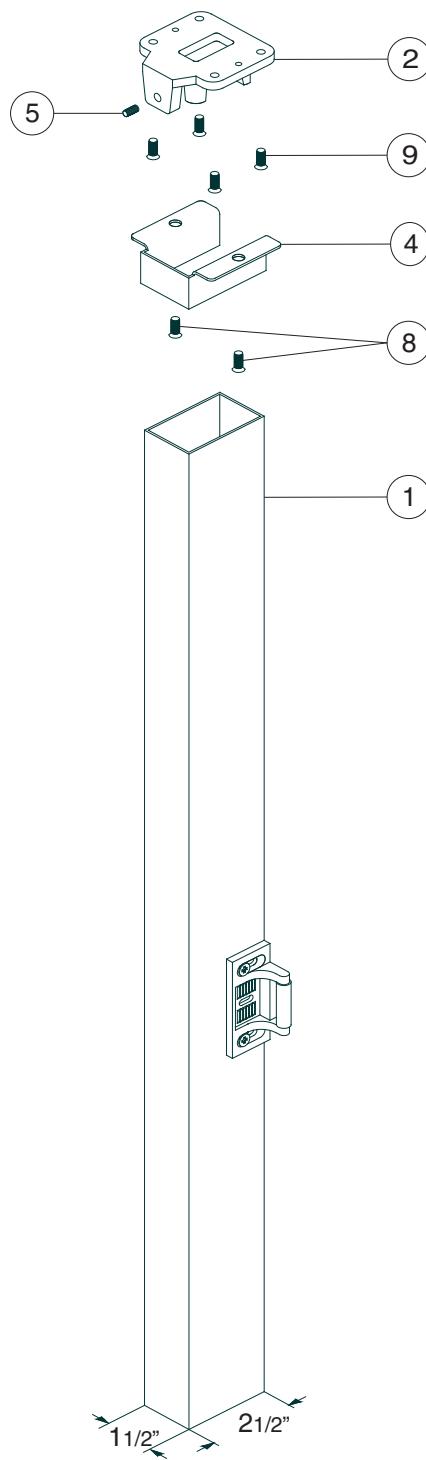
4423

Item No.	Qty.	Part No.	Description
1	1	4423	Mullion
2	1	060107	Top fitting
3	1	060108	Bottom Fitting
4	1	4394	Top Fitting Clamp
5	2	709146	3/8 - 16 x 1/2" Set Screw
6	6	709032	1/4 - 20 x 1 1/4" FPHMS
7	3	709036	1" - 20 x 1" Lead Anchor
8	4	709051	#10 - 24 x 1/2" FPHMS
9	2	709196	#10 - 24 x 1/4" FPHMS
10	2	4396	4396 Strike



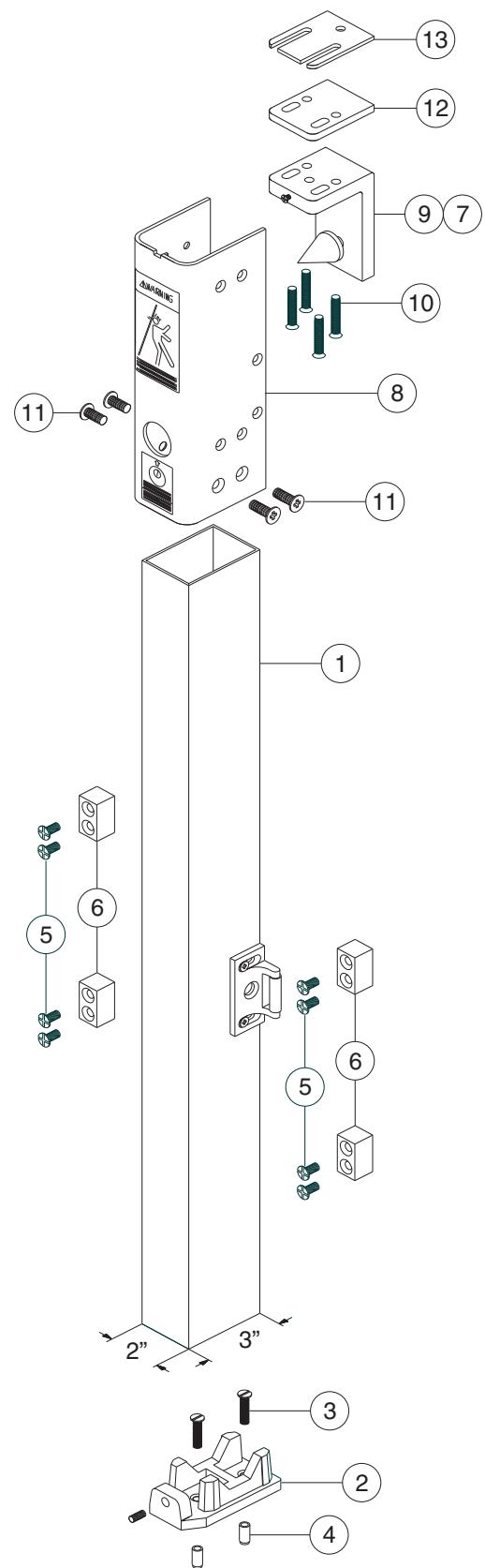
2923

Item No.	Qty.	Part No.	Description
1	1	2923	Mullion
2	1	060104	Top fitting
3	1	060105	Bottom Fitting
4	1	4181	Top Fitting Clamp
5	2	709146	3/8" - 16 x 1/2" Set Screw
6	6	709032	1/4 - 20 x 1 - 1/4" FPHMS
7	3	709036	1/4 - 20 x 1 Lead Anchor
8	2	709196	#10 - 24 x 1/2" FPHMS
9	4	709023	#10 - 24 x 3/4" FPHMS

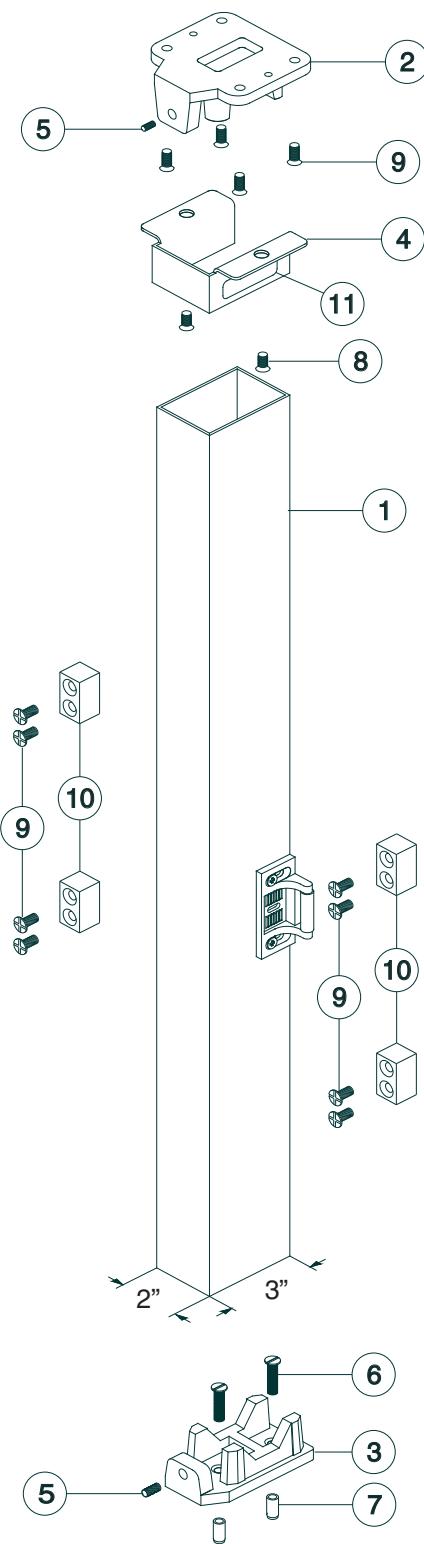


CRF-4023, CR-4023 and CRF-4023, CR-4023 Retrofit Kits

Item No.	CRF-4023	CR-4023	CR-4023 Retrofit Kit	CR-4023 Retrofit Kit	Part No.	Description
1	1	1			4023	Mullion
2	1	1			060102	Bottom Fitting
3	2	2			709094	3/8" - 16 x 1 1/4" FPMS
4	2	2			709075	3/8" - 16 Steel Anchor
5	6				709118	1/4" - 20 x 3/4" FPHMS
6	4				4051	Stabilizer Block
7	1		1		4050	UL Fire Label (on item #9)
8	1	1	1	1	900549	Cylinder Removable Mullion Unit
9	1	1	1	1	900547	Top Mullion Fitting (CRM)
10	4	4	4	4	709318	1/4 - 20 x 2" PPHMS
11	4	4	4	4	709313	1/4 - 20 x 3/4" UFPHMS
12	1	1	1	1	4970	Top Mullion Fitting Shim
13	1	1	1	1	4988	Adjustment Shim (1 shipped standard)
Not shown	1	1	1	1	4966	Cylinder Mounting Bracket
	1	1	1	1	3894	Cylinder Nut



Item No.	F-4023	4023	Part No.	Description
1	1	1	4023	Mullion
2	1	1	060106	Top Fitting
3	1	1	060102	Bottom Fitting
4	1	1	4002	Top Fitting Clamp
5	2	2	709095	3/8" - 16 x 3/4" Set Screw
6	2	2	709094	3/8" - 16 x 1 1/4" FPHMS
7	2	2	709075	3/8" - 16 Steel Anchor
8	2	2	709093	1/4" - 20 x 3/8" PPHMS
9	12	4	709118	1/4"- 20 x 3/4" FPHMS
10	4		4051	Stabilizer Block
11	1		4050	UL Fire Label





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