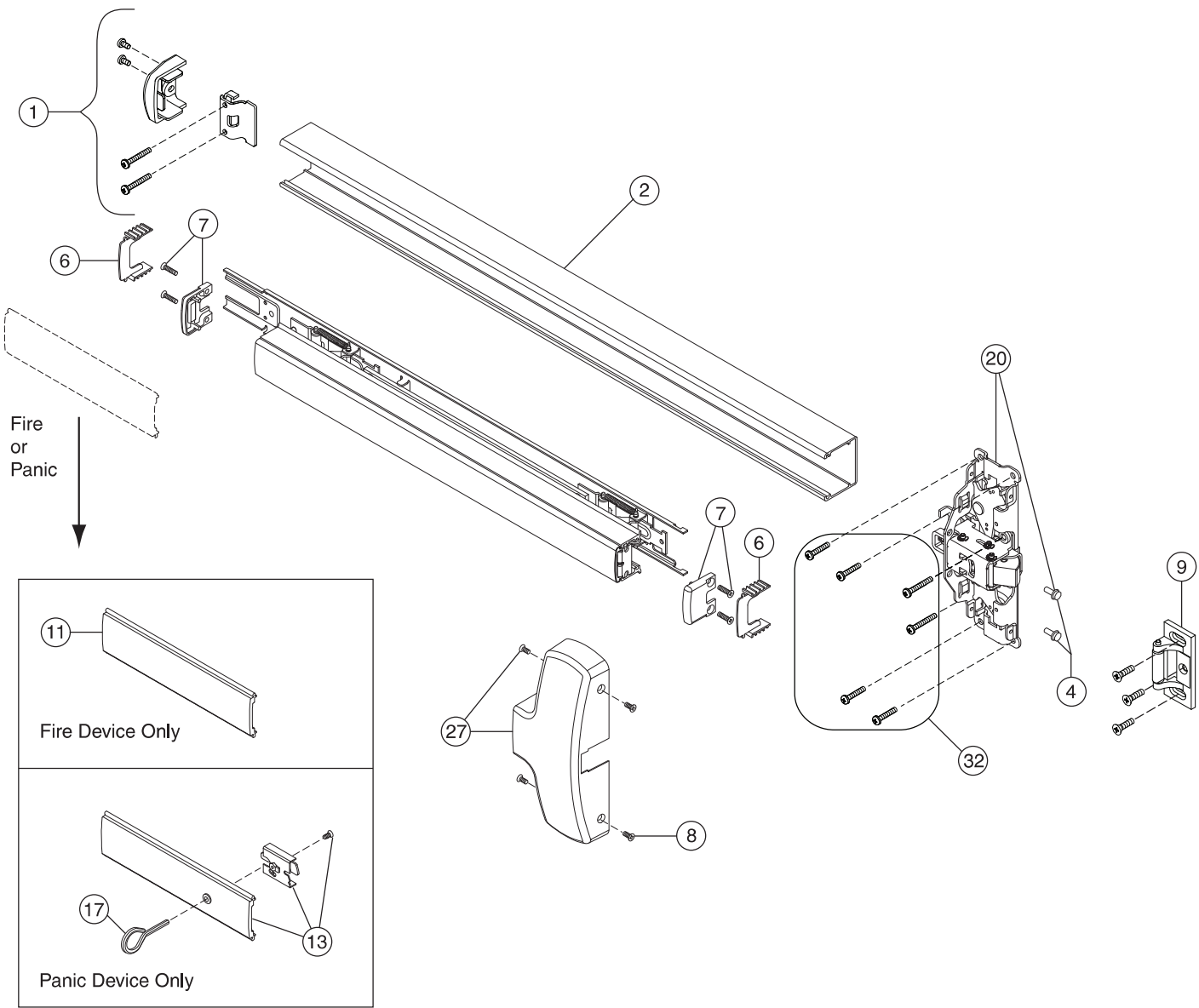


25 Series

- 47 (F)25 rim exit device
- 49 25-V surface vertical rod exit device
- 51 (F)25-V surface vertical rods and latches
- 53 (F)25-C concealed vertical rod exit device
- 55 (F)25-C and F-25-C-WDC-90 concealed vertical rods and latches
- 57 25-C-WDC and F-25-C-WDC-20 concealed vertical rods and latches
- 59 (F)25-M mortise exit device
- 61 25 Series trim: lever (510), vandal resistant (vr) lever (511), knob (513)
- 63 25 Series trim: lever (510), knob (513)
- 65 25 Series trim: thumbpiece (512)
- 67 25 Series trim: thumbpiece (512)
- 69 25 Series trim: delta pull
- 70 25 Series trim: FSA/FSE, electric lock/unlock
- 71 24/25 Series channel cover plate options
- 72 24/25 Series electrical options
- 74 24/25 Series miscellaneous kits and parts
- 76 Refill parts/packages

(F)25 rim exit device

Panic and fire



25 Series

No.	Qty.	Part no.	Description	Package 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	25 Channel Endcap Kit 2¼" 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	
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
				4— #8-18 x ¾" FPHSMS	
8	1	600307	25 Center Case Cover Screw Pkg	4— #8-18 x ⅜" UFPMSMS	A
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") 1— Dogging Subassembly	A, B
		650192	25 Hex Dogging Kit 4'	1— #8-32 x ⅜" UFPMS	
17	1	060109	Hex Dogging Key ⅞" 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" UFPMSMS	
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	*
	1	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.

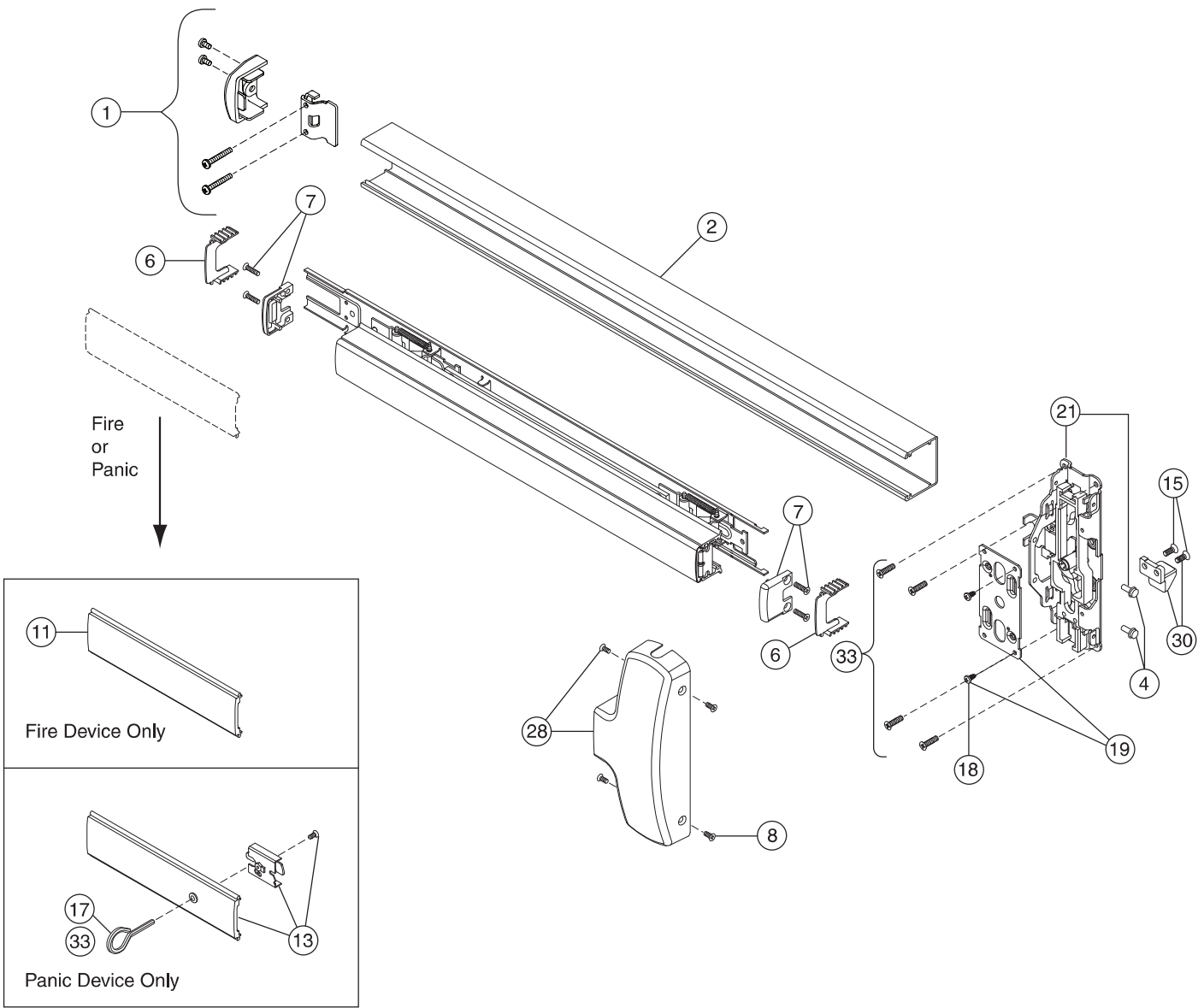
A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

B Channel Covers for CD, EA, HWEA, KOR, shown on **page 72**

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

25-V surface vertical rod exit device

Panic and fire



No.	Qty.	Part no.	Description	Package contents	Notes
1	1	650294	25 Channel Endcap Kit 1¾" Door	1– Channel Endcap	A
				2– #10-24 x ¾" PPHMS	
				1– Channel Endcap Bracket	
				2– #10-24 x 1" PPHMS	
				2– #10 x 1¼" PPHSMS	

25 Series

No.	Qty.	Part no.	Description	Package contents	Notes
1	1	650348	25 Channel Endcap Kit 2 1/4" Door	1– Channel Endcap	A
				2– #10-24 x 3/8" PPHMS	
				1– Channel Endcap Bracket	
				2– #10-24 x 1" PPHMS	
				2– #10 x 1 1/4" 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 1/2" 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
				4– #8-18 x 3/4" FPHSMS	
8	1	600307	25 Center Case Cover Screw Pkg	4– #8-18 x 3/8" UFPHSMS	A
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 3/8" UFPHMS	
15	1	600309	25-V/C Finger Screw Pkg	2– #10-24 x 3/8" UFPHMS	
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 3/8" PPHMS Trilob	
19	1	650261	25-V/M/C Center Case Housing Kit	2– #8-32 x 3/8" PPHMS Trilob	
				1– Vertical Housing	
21	1	650242	(F)25-V Center Case Kit	1– Center Case	
				2– #10-16 x 1/2" Hex Washer Head Taptite	
28	1	650257	(F)25-V Center Case Cover Kit	1– Head Cover	A
				4– #8-18 x 3/8" UFPHSMS	
30	1	650262	25-V Center Case Finger Kit	2– #10-24 x 3/8" UFPHMS	
				1– Vertical Finger	
33	1	650315	25-V Mounting Pkg 1 3/4" – 2 1/4" Door	6– #10 x 1 1/4" PPHSMS	*
				4– #10 x 1 1/4" FPHSMS	*
				1– 1/8 x 1" Cotter Key	*
				1– Dogging Key	
		650316	F-25-V Mounting Pkg 1 3/4" Door	6– #10-24 x 3/4" PPHMS	
				4– #10-24 x 3/4" FPHMS	*
				1– 1/8 x 1" Cotter Key	*
		650295	F-25-V Mounting Pkg 2 1/4" Door	6– #10-24 x 1 1/4" PPHMS	*
				4– #10-24 x 1 1/4" FPHMS	*
				1– 1/8" 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 72**

This exploded view diagram illustrates the assembly of the LED strip light. The main components and their assembly sequence are as follows:

- 36**: LED strip light.
- 37**: Screws for mounting the LED strip.
- 39**: Mounting bracket.
- 40**: Mounting bracket.
- 41**: Screws for mounting the bracket.
- 42**: Mounting bracket.
- 43**: Mounting bracket.
- 44**: Mounting bracket.
- 45**: Mounting bracket.
- 46**: Mounting bracket.
- 47**: Mounting bracket.
- 48**: Mounting bracket.
- 49**: Mounting bracket.
- 50**: Mounting bracket.

25 Series

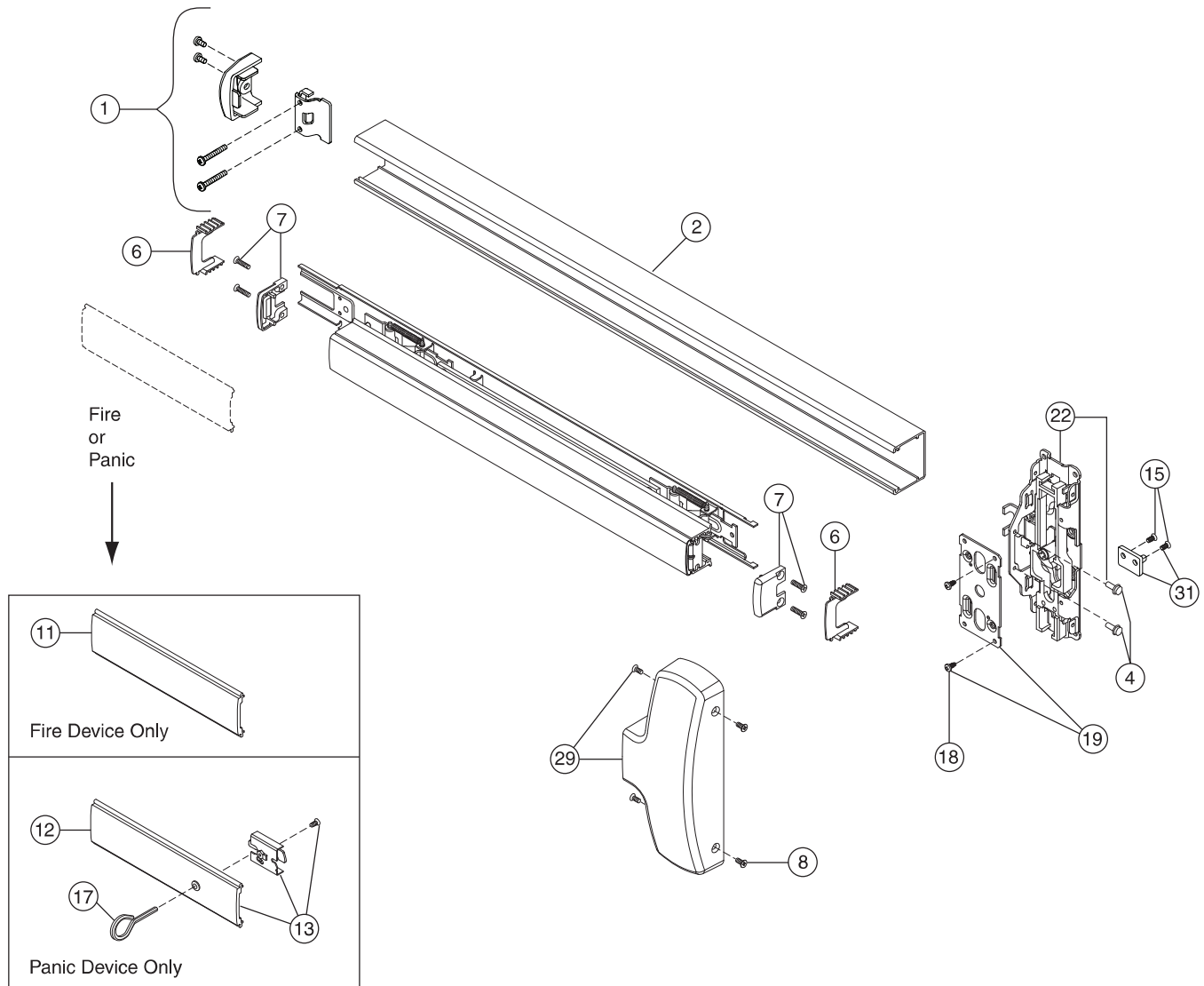
No.	Qty.	Part no.	Description	Package contents	Notes
33	1	650315	25-V Mounting Pkg 1¾" – 2¼" Door	4– #10 x 1¼" FPHSMS	*
				6– #10 x 1¼" PPHSMS	*
				1– ⅛ x 1" Cotter Key	
				1– Dogging Key	*
		650316	F-25-V Mounting Pkg 1¾" Door	4– #10-24 x ¾" FPHMS	*
				6– #10-24 x ¾" PPHMS	
				1– ⅛ x 1" Cotter Key	
		650295	F-25-V Mounting Pkg 2¼" Door	4– #10-24 x 1¼" FPHMS	*
				6– #10-24 x 1¼" PPHMS	*
				1– ⅛" x 1" Cotter Key	
36	1	3788	Vertical Rod Top Strike		
37	2	660002	#10 x 1¼" FPHSMS		
38	1	2130	Vertical Rod Bottom Strike		
39	1	650336	25-V Latch Case Cover Mounting Pkg	4– #8-32 x ¼" UFPHMS	
40	1	650389	25-V Top Latch Case		
		650375	F-25-V Top Latch Case		
41	1	060111	⅛" 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 57**

25 Series

No.	Qty.	Part no.	Description	Package 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— #10-24 x 1" PPHMS	
				2— #10 x 1¼" PPHSMS	
	1	650348	25 Channel Endcap Kit 2¼" 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	
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
				4— #8-18 x ¾" FPHSMS	
8	1	600307	25 Center Case Cover Screw Pkg	4— #8-18 - ⅜" UFPHMS	A
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	
15	1	600309	25-V/C Center Case Finger Screw Pkg	2— #10-24 x ⅜" UFPHMS	
17	1	060109	Hex Dogging Key ⅞" package of 10		
18	1	600308	25-V/M/C Center Case Housing Screw Pkg	2— #8-32 x ⅜" PPHMS Trilob Housing	
19	1	650261	25-V/M/C Center Case Housing Kit	2— #8-32 x ⅜" 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" UFPHMS	
31	1	650263	25-C Center Case Finger Kit	2— #10-24 x ⅜" UFPHMS	
				1— Concealed Finger	

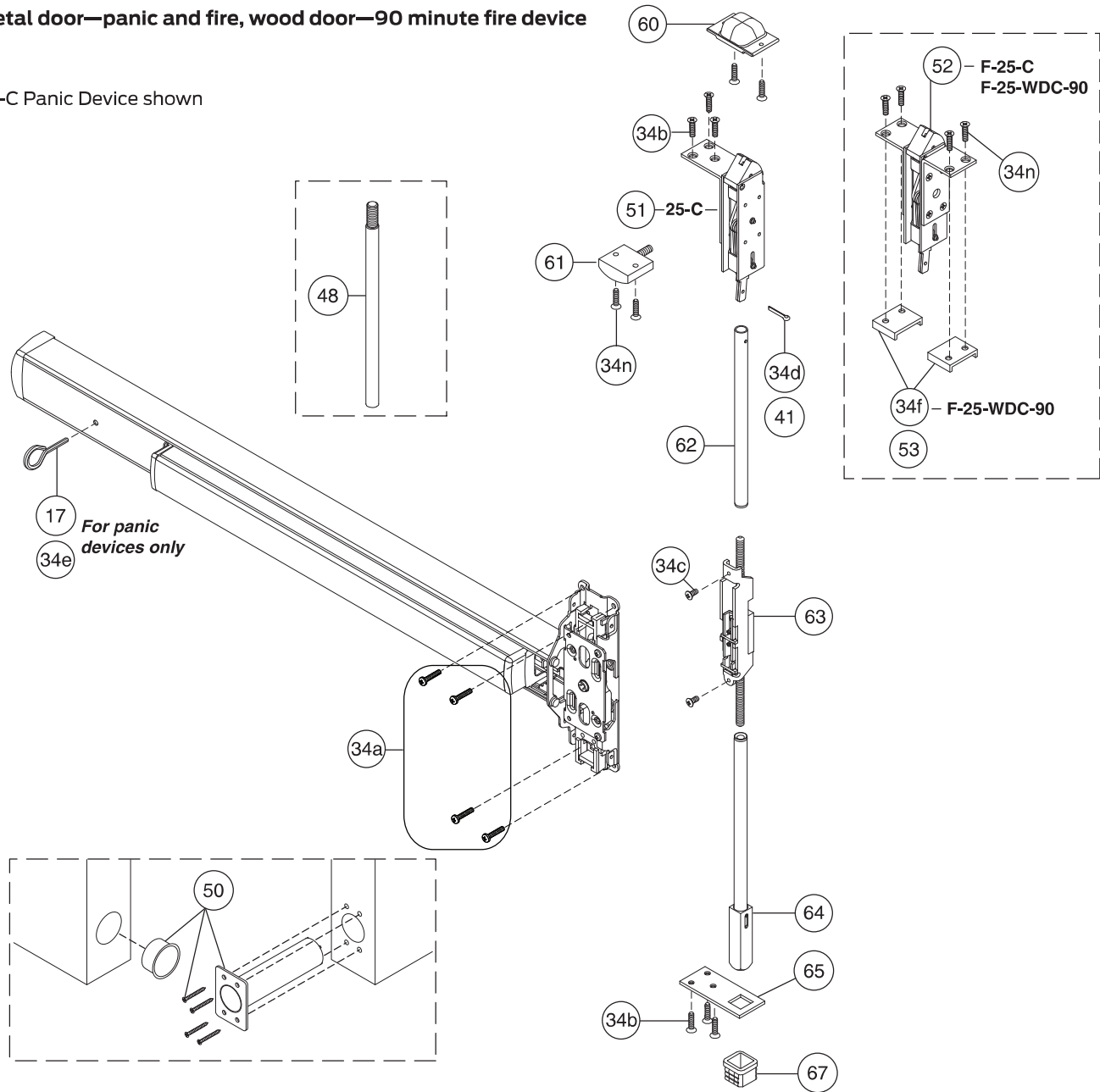
A Specify by finish: US3, US4, US10, US26, US26D, US32, US32D, US28, 313AN

B Channel Covers for CD, EA, HWEA, KOR, shown on **page 72**

(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



No.	Qty.	Part no.	Description	Package contents		Notes
17	1	060109	Hex Dogging Key 7/32" package of 10			
34	1	650317	F-25-C Mounting Pkg 1 3/4" Door	34a	8— #10-24 x 3/4" PPHMS	
				34b	7— #10-24 x 3/4" FPHMS	
				34c	2— #8-32 x 3/8" UFPHMS	
				34d	1— 1/8 x 1" Cotter Key	
				—	2— 1/4-20 x 3/4" PPHMS	*

25 Series

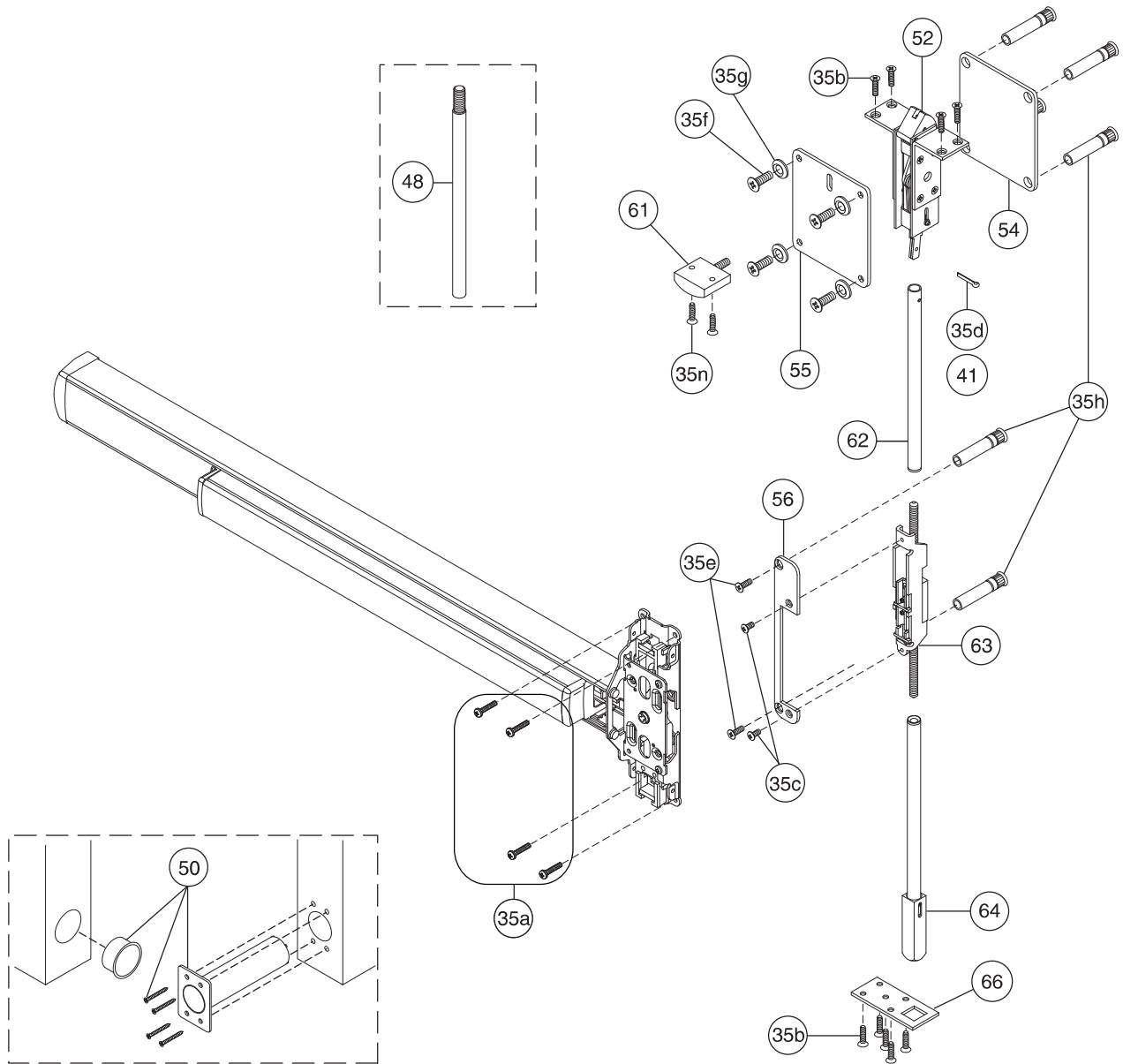
No.	Qty.	Part no.	Description	Package contents		Notes
34	1	650318	25-C Mounting Pkg 1 $\frac{3}{4}$ " Door	34a	8– #10 x 1 $\frac{1}{4}$ " PPHSMS	*
				34b	6– #10-24 x $\frac{3}{4}$ " FPHMS	
				34c	2– #8-32 x $\frac{3}{8}$ " UFPHMS	
				34d	1– $\frac{1}{8}$ x 1" Cotter Key	
				34e	1– Dogging Key	
				—	2– #14 x 1" PPHSMS	*
		650299	F-25-CWDC Mounting Pkg 1 $\frac{3}{4}$ " Door	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	*
				34c	2– #8-32 x $\frac{3}{8}$ " UFPHMS	
				34d	1– $\frac{1}{8}$ x 1" Cotter Key	
				34f	2– Latch Bracket	
		650296	F-25-CWDC Mounting Pkg 2 $\frac{1}{4}$ " Door	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	*
				34c	2– #8-32 x $\frac{3}{8}$ " UFPHMS	
				34d	1– $\frac{1}{8}$ x 1" Cotter Key	
		650300	25-C Mounting Pkg 2 $\frac{1}{4}$ " Door	34f	2– Latch Bracket	
				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	
		650346	F-25-C Mounting Pkg 2 $\frac{1}{4}$ " Door	34e	1– Dogging Key	
				—	2– #14 x 1" PPHSMS	*
				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	
41	1	060111	$\frac{1}{8}$ x 1" Cotter Key package of 10	—	2– $\frac{1}{4}$ -20 x 1 $\frac{1}{4}$ " PPHMS	*
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

25 Series

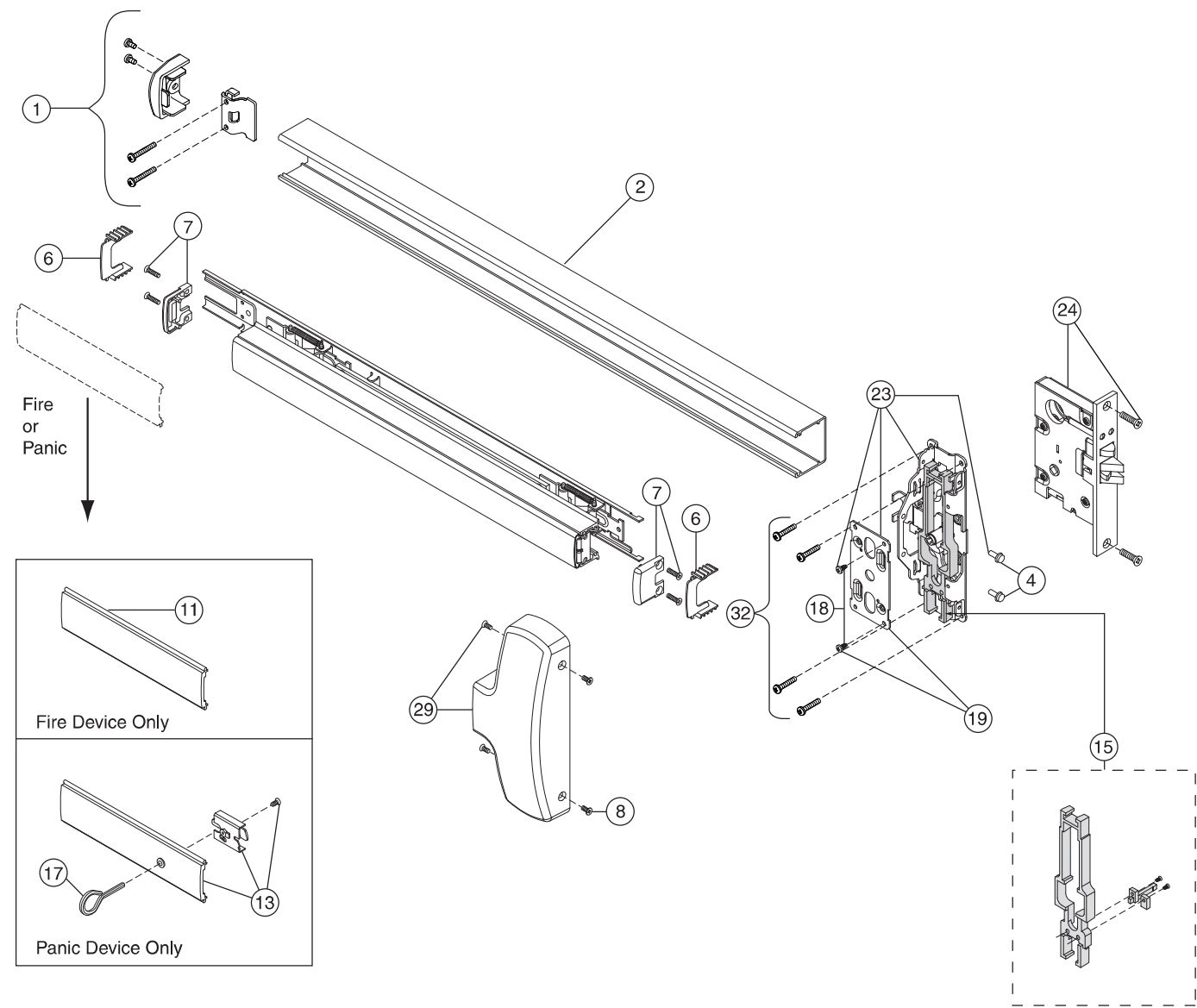
No.	Qty.	Part no.	Description	Package contents		Notes
17	1	060109	Hex Dogging Key 7/32" package of 10			
35	1	650299	F-25-CWDC Mounting Pkg 1 3/4" Door	35a	8– #10 x 1 1/4" PPHSMS	A
				—	4– #10-24 x 1" PPHMS	
				35b	11– #10 x 1 1/4" FPHSMS	
				35c	2– #8-32 x 3/8" UFPHMS	
				35d	1– 1/8 x 1" Cotter Key	
				35e	2– 3/4" CS Plate Mtg Screw	
				35f	4– 1/4-20 x 3/4" FPHMS	
				35g	4– 1/4" CS Washer	
				35h	6– 1/4-20 Sexbolt	
				35n	4– #10-24 x 3/4" FPHMS	
		650296	25-CWDC Mounting Pkg 2 1/4" Door	35a	8– #10 x 1 1/4" PPHSMS	A
				—	4– #10-24 x 1 1/2" PPHMS	
				35b	11– #10 x 1 1/4" FPHSMS	
				35c	2– #8-32 x 3/8" UFPHMS	
				35d	1– 1/8 x 1" Cotter Key	
				35e	2– 3/4" CS Plate Mtg Screw	
				35f	4– 1/4-20 x 1 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-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



No.	Qty.	Part no.	Description	Package contents	Notes
1	1	650294	25 Channel Endcap Kit 1¾" Door	1– Channel Endcap	A
				2– #10-24 x ¾" PPHMS	
				1– Channel Endcap Bracket	
				2– #10-24 x 1" PPHMS	
				2– #10 x 1¼" PPHSMS	

25 Series

No.	Qty.	Part no.	Description	Package contents	Notes
1	1	650348	25 Channel Endcap Kit 2¼" 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	
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
				4– #8-18 x ¾" FPHSMS	
8	1	600307	25 Center Case Cover Screw Pkg	4– #8-18 x ⅜" UFPHSMS	A
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') 1– Dogging Subassembly	A
		650192	25 Hex Dogging Kit 4'	1– #8-32 x ⅜" UFPHMS	
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 ⅞" 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	
				1– Mortise Finger	
		650398	(F)25-M Center Case Kit, LHR	1– Mortise Block	
				2– #10-24 x ⅜" UFPHMS	
24	1	8500	Mortise Lock Assembly	1– Mortise Lock	
				2– #12-24 x ½" UFPHMS	
29	1	650259	(F)25-C, M Center Case Cover Kit	1– Center Case 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.

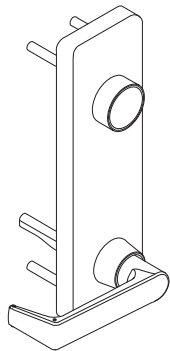
B Channel Covers for CD, EA, HWEA, KOR, see **page 72**

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

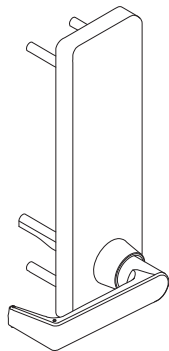
C Lift Finger is pre-installed on the Slide Bar Assembly. Screws secured with Loctite®.

25 Series trim: lever (510), vandal resistant (vr) lever (511), knob (513)

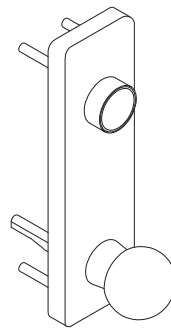
510L, 510L-BE, 513K, 513K-BE, 511L



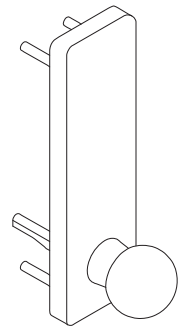
510L
511L



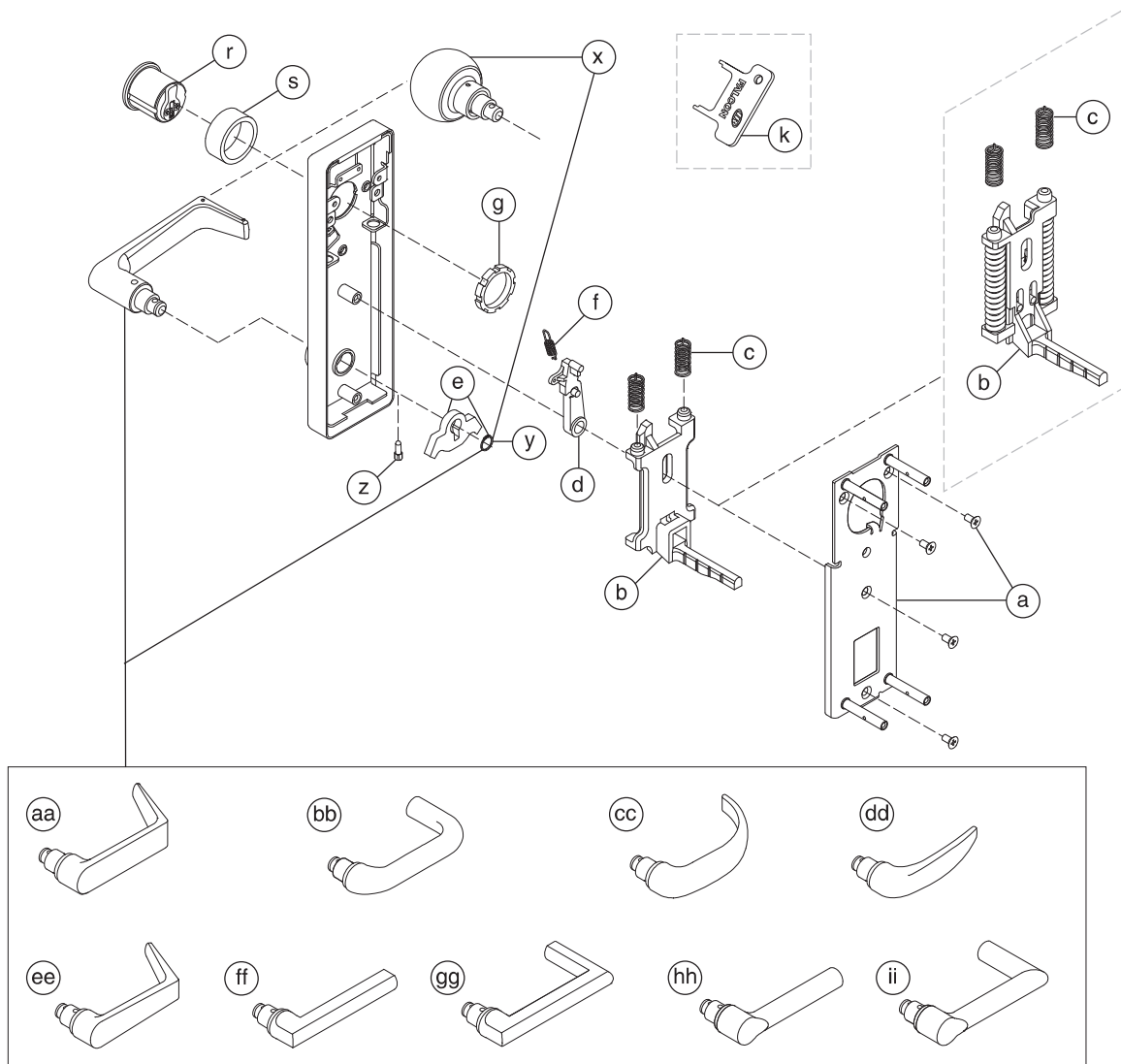
510L-BE



513K



513K-BE



25 Series

No.	Qty.	Part no.	Description	Package 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	1¼" Mortise Cylinder		A
s	1	600296	Security Collar Pkg		A
x	1	600298	Knob Assembly	1– Knob Assembly	A
				1– Retaining Ring	
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	1– Lever Assembly 1– Retaining Ring	A
bb	1	050003	Sutro Lever Kit		
cc	1	050017	Quantum Lever Kit		
dd	1	600337	Avalon Lever		A
ee	1	050990	Danish Lever		A
ff	1	050991	Broadway Lever		A
gg	1	050992	Boardwalk Lever		A
hh	1	050988	Latitude Lever		A
ii	1	050989	Longitude Lever		A

* Item(s) not shown

A Specify by finish: SP28, SP313, US3, US4, US10, US15, US19, US26, US26D, US32, US32D, 643E

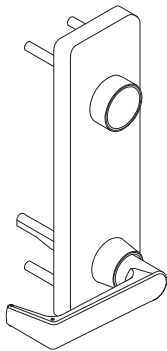
Note: Vandal Resistant VR) Lever Trims are available on rim, vertical, mortise and concealed devices, and work with all electric lock and unlock functions.

Specifications:

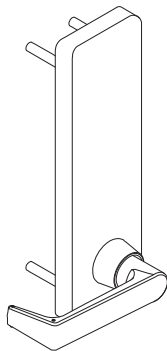
Escutcheon:	2¾" x 9¾"
Knob Projection:	3¾"
Lever Projection:	Dane 2 ¹³ / ₁₆ "
	Quantum 3 ¹ / ₂ "
	Sutro 3 ¹³ / ₁₆ "
	Avalon 3 ¹ / ₈ "
	Danish 2 ⁷ / ₈ "
	Broadway 3 ¹ / ₄ "
	Boardwalk 3 ¹ / ₄ "
	Latitude 3 ¹ / ₈ "
	Longitude 3 ¹ / ₈ "

25 Series trim: lever (510), knob (513)

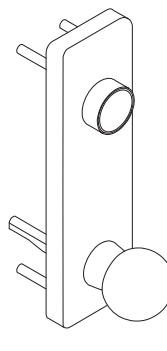
510L-NL, 510L-DT, 513K-NL, 513K-DT



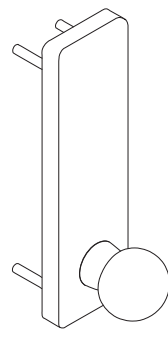
510L-NL



510L-DT

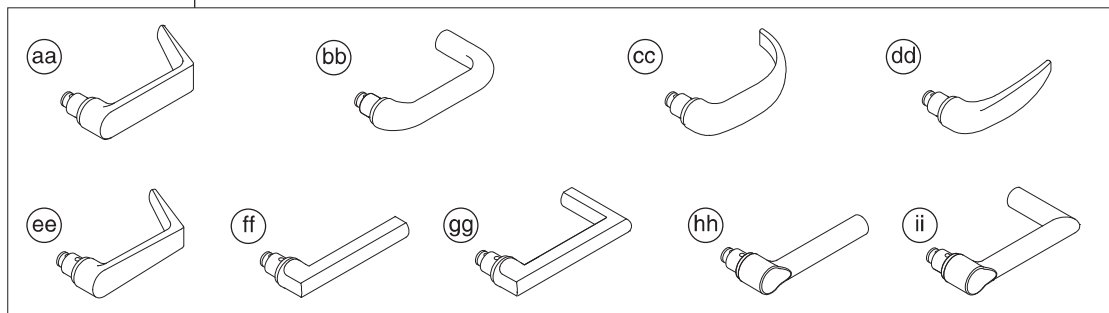
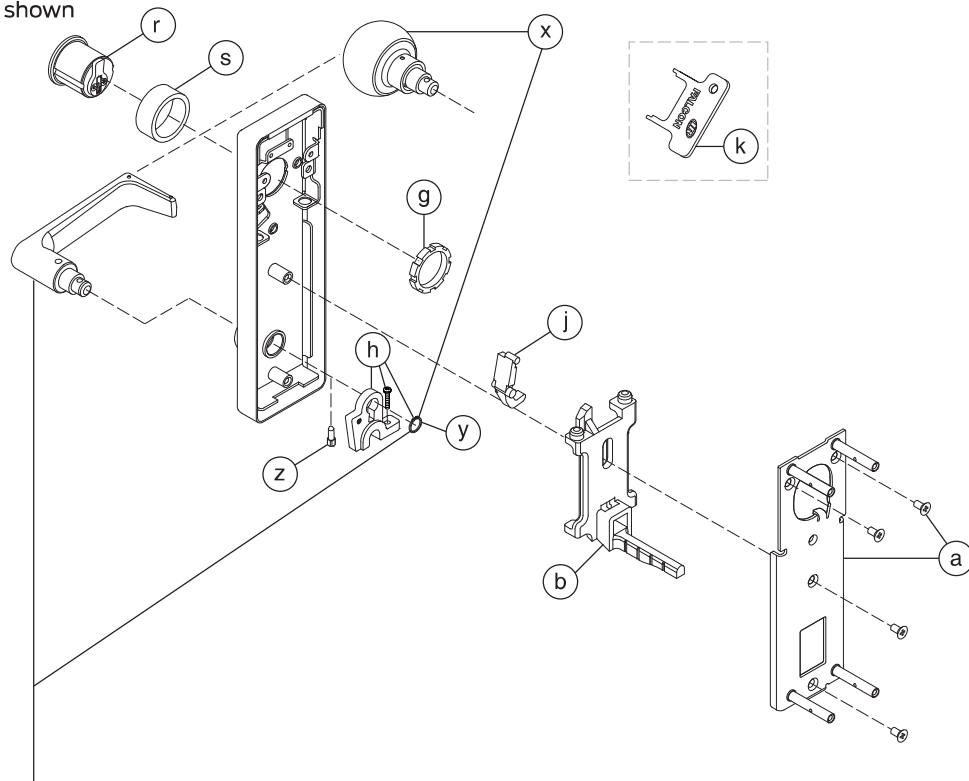


513K-NL



513K-DT

510L-NL Trim shown



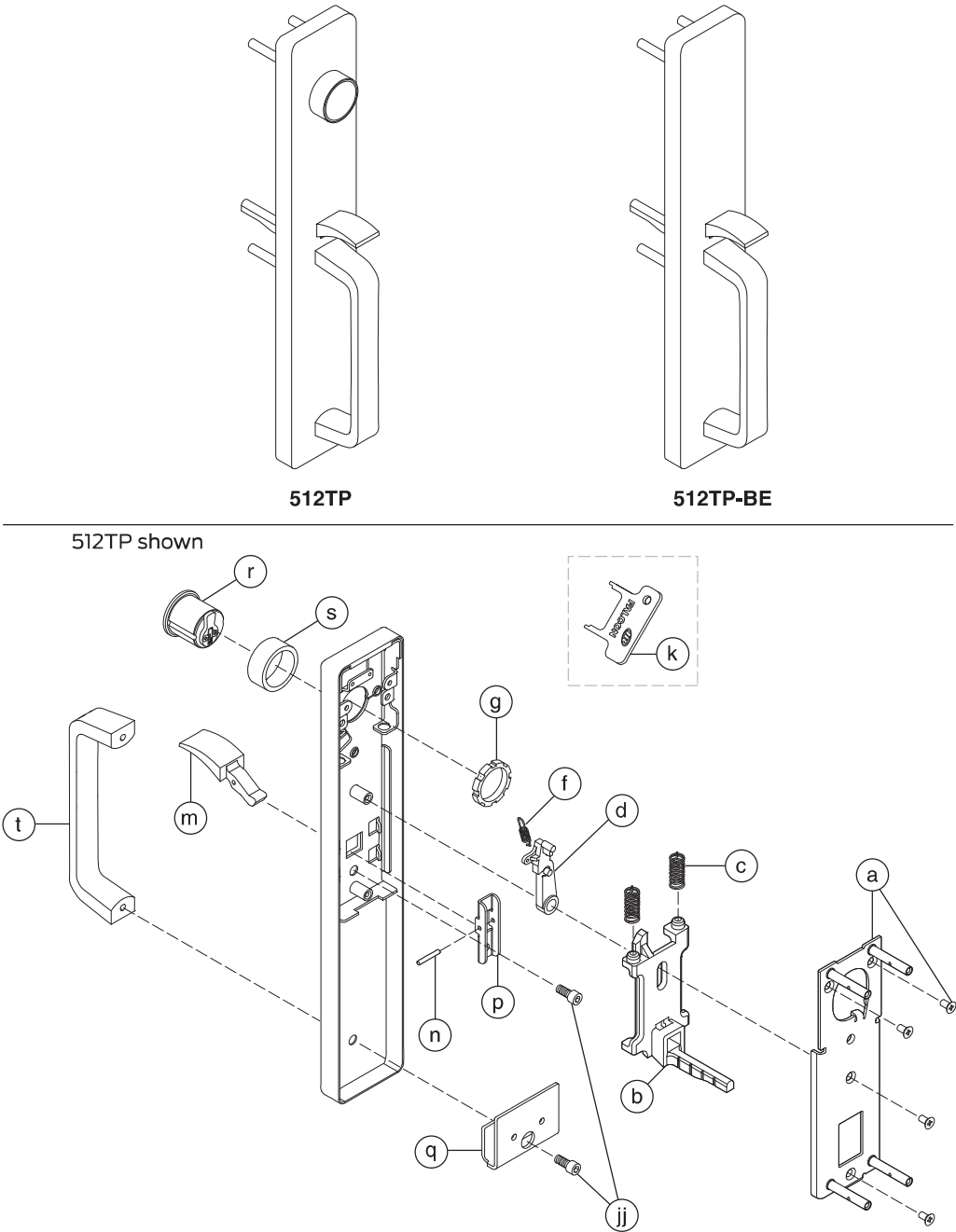
25 Series

No.	Qty.	Part no.	Description	Package 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		
h	1	600280	Dummy Spindle Cam Kit	1— Spindle Cam Dummy	
				1— Spindle Cam Retaining Ring	
				1— #10-24 x 3/4"PPHMS	
j	1	600281	NL Cam 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	A
				1— Retaining Ring	
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	1— Lever Assembly 1— Retaining Ring	A
bb	1	050003	Sutro Lever Assembly Kit		
cc	1	050017	Quantum Lever Assembly Kit		
dd		600337	Avalon Lever		A
ee	1	050990	Danish Lever		A
ff	1	050991	Broadway Lever		A
gg	1	050992	Boardwalk Lever		A
hh	1	050988	Latitude Lever		A
ii	1	050989	Longitude Lever		A

A Specify by finish: SP28, SP313, US3, US4, US10, US15, US19, US26, US26D, US32, US32D, 643E

25 Series trim: thumbpiece (512)

512TP, 512TP-BE



25 Series

No.	Qty.	Part no.	Description	Package 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 3/4" 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
jj	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, US15, US19, US26, US26D, US32, US32D, 643E

Specifications:

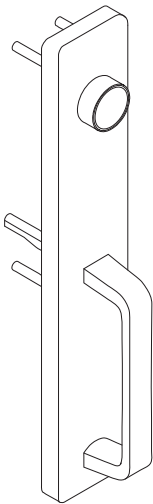
Escutcheon: 2 3/4" x 16"

Grip: 6 1/4" C-C

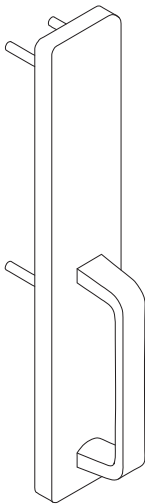
Projection: 2 11/16"

25 Series trim: thumbpiece (512)

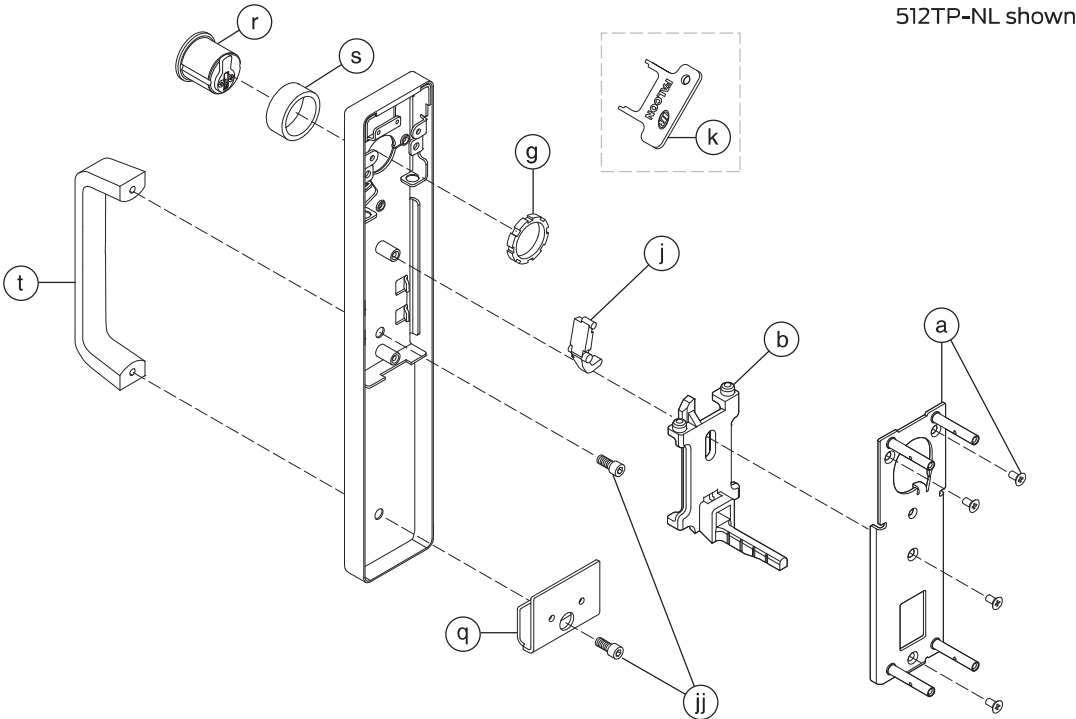
512TP-NL, 512-DT



512TP-NL



512-DT



25 Series

No.	Qty.	Part no.	Description	Package 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	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
jj	1	600288	Pull Grip Screw package of 10	1/4-20 x 1/2" Hex Socket Head Cap Screw	

* Item(s) not shown

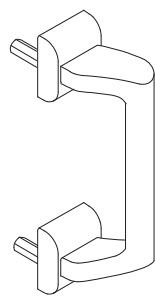
A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

Specifications:

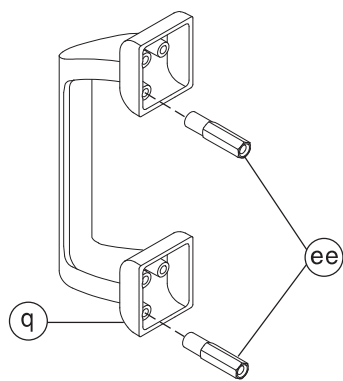
Escutcheon: 2 3/4" x 16"
 Grip: 6 1/4" C-C
 Projection: 2 1/16"

25 Series trim: delta pull

717-DT



717DT



No.	Qty.	Part no.	Description	Package contents	Notes
q	2	600289	Lower Pull Bracket Pkg 1¾" Door	1– Lower Pull Bracket	A
				2– 1/4-20 x 2¼" FPHMS	*
				1– Finish Washer	*
		600290	Lower Pull Bracket Pkg 2¼" Door	1– Lower Pull Bracket	A
				2– 1/4-20 x 2¾" FPHMS	*
				1– Finish Washer	*
ee	2	4270	700 Series Trim Hex Stud		

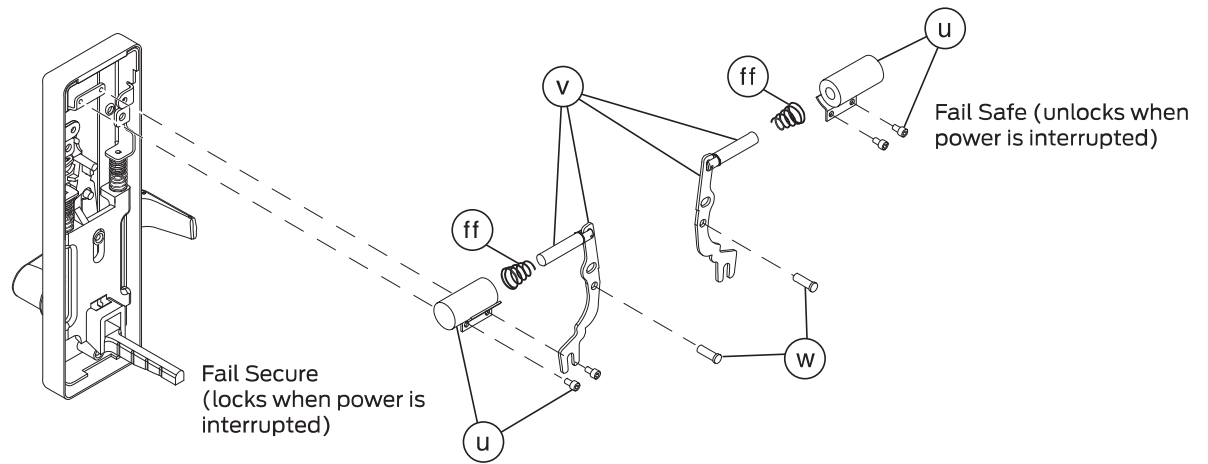
* Item(s) not shown. Specify finish when ordering.
A Specify by finish: SP28, SP313, US3, US4, US10, US26, US26D, US32, US32D

Specifications:

Grip: 6¼"
Projection: 2"

25 Series

25 Series trim: FSA/FSE, electric lock/unlock



No.	Qty.	Part no.	Description	Package 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

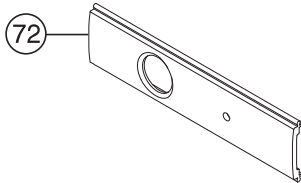
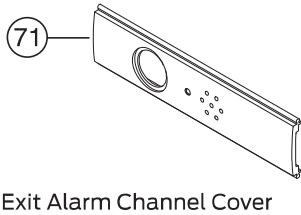
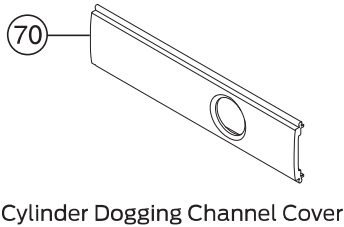
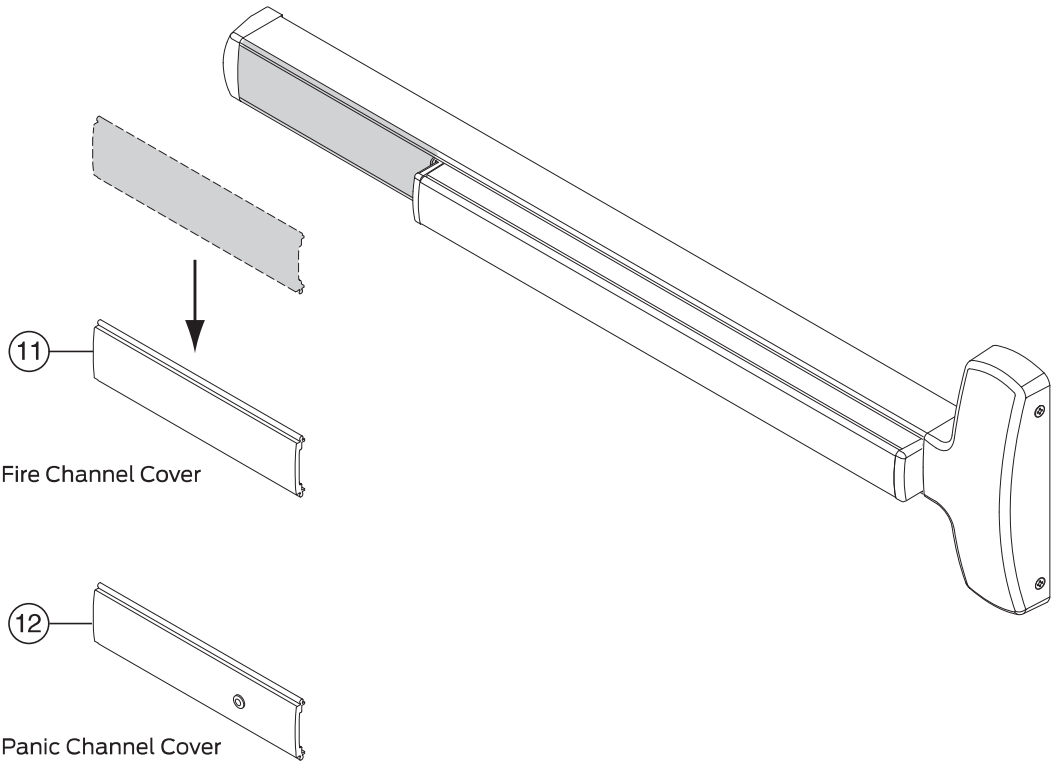
Specifications:

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



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'	
	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'	
	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'	
	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'	
	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

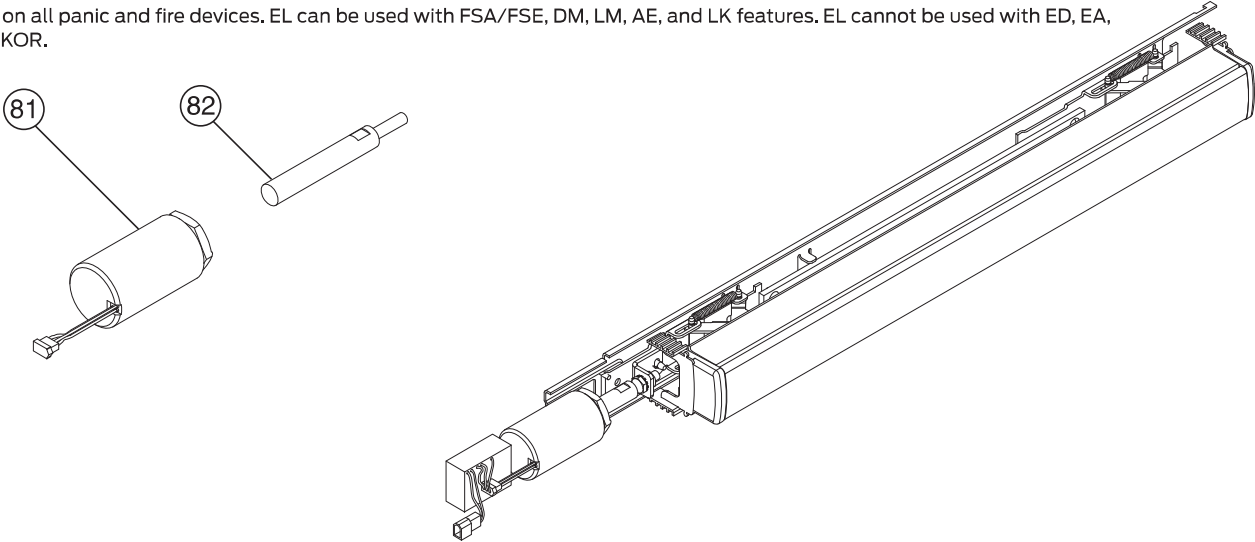
* 24 and 25 Panic Channel Cover Plates are included in the Hex Dogging Kit (part numbers shown above are Hex Dogging Kit part numbers).

24/25 Series electrical options

Electric latch retraction (EL), exit alarm (EA), hard wired exit alarm (HWEA)

80 Electric latch retraction

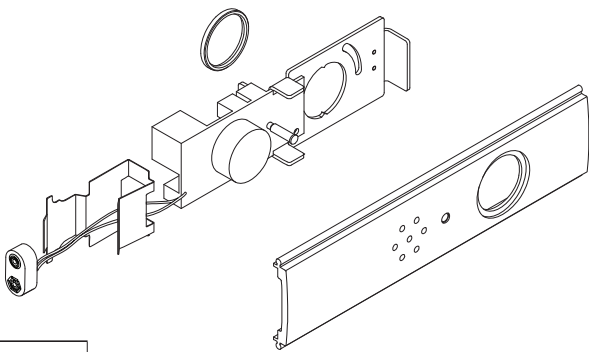
Available on all panic and fire devices. EL can be used with FSA/FSE, DM, LM, AE, and LK features. EL cannot be used with ED, EA, HWEA or KOR.



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.



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'	

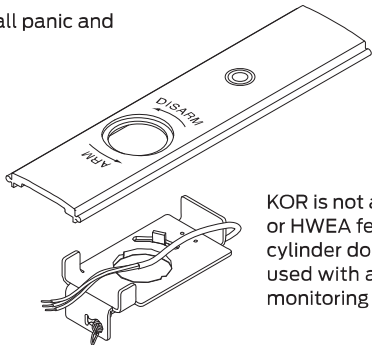
A Specify by finish: US3, US4, US10, 313AN, US26, US26D, US28, US32, US32D

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

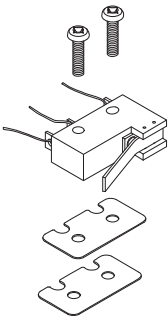
Available on all panic and fire devices.



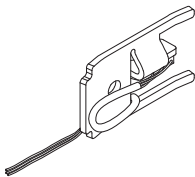
KOR is not available with EA or HWEA feature, or with cylinder dogging. Must be used with a device monitoring switch.

86 Latch monitoring, device monitoring

Not available with 24 Fire Rim devices. Device Monitoring cannot be used with Latch Monitoring.



87 RX switch kit



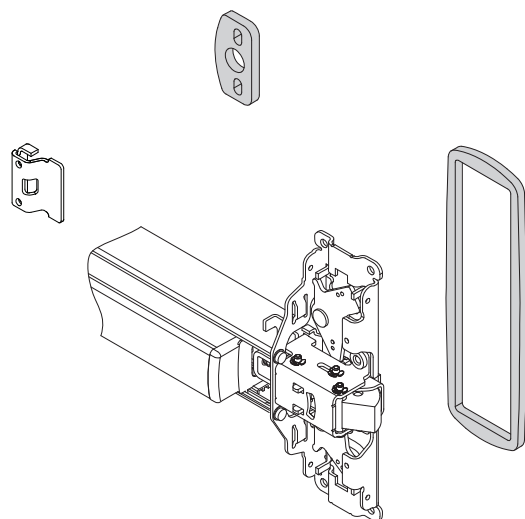
No.	Qty.	Part no.	Description	Package contents	Notes
85	1	25-KOR-K-3	25 Series Key Override (KOR) w/Standard Dogging Kit 3'	1– Channel Cover KOR	A
		25-KOR-K-4	25 Series Key Override (KOR) w/Standard Dogging Kit 4'	1– KOR Switch Assembly	
		24-KOR-K-3	24 Series Key Override (KOR) w/Standard Dogging Kit 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 3/8" PPHMS	
				2– Switch Insulator	
		650264	Device Monitoring (DM) Switch Service Kit	1– DM Switch Assembly	
87	1	650359	24/25 Series RX Switch Kit	2– #2-56 x 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

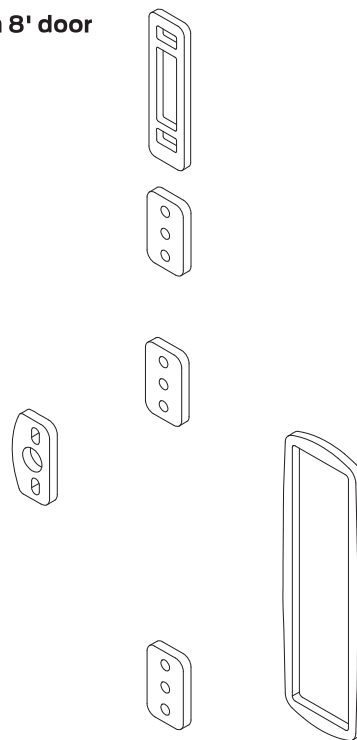
24/25 Series miscellaneous kits and parts

Glass bead kit (GBK), shim kits

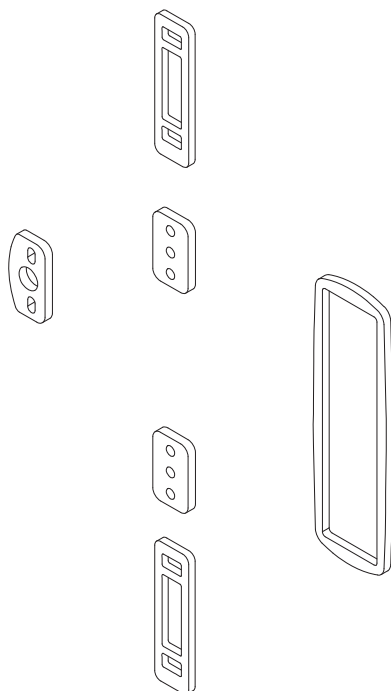
90 Rim/mortise shim kit



92 Vertical device shim kit, larger than 8' door



91 Vertical device shim kit, up to 8' door



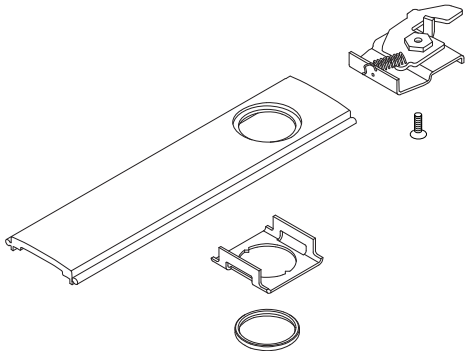
No.	Qty.	Part no.	Description	Notes
90	1	650109	24 Rim Shim Kit 1/4"	
		650107	25 Rim or Mortise Shim Kit 1/4"	*
91	1	650110	24 Surface Vertical Device Shim Kit 1/4", > 7' up to 8' Door	
		650108	25 Surface Vertical Device Shim Kit 1/4", > 7' up to 8' Door	*
92	1	650208	24 Surface Vertical Device Shim 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

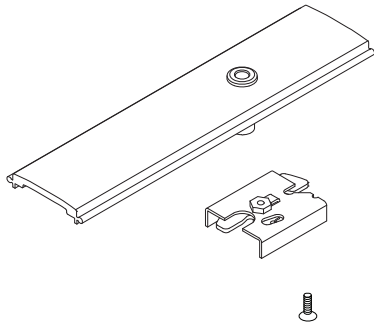
* Item(s) not shown

Cylinder dogging (CD) kit, hex dogging (HD) kit and sexbolts

94 Cylinder dogging kit

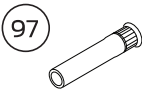
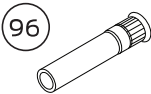


95 Hex dogging kit



Available on all panic devices. CD kit requires 1½" Mortise Cylinder (part number 985).

Sexbolts



No.	Qty.	Part no.	Description	Package contents	Notes
94	1	650159	25 Series Cylinder Dogging (CD) Kit 3'	1– CD Channel Cover 1– CD Dogging Subassembly 1– #8-32 x 3⁄8" UFPHMS 1– Cylinder Retaining Bracket 1– Cylinder Collar	A
		650160	25 Series Cylinder Dogging (CD) Kit 4'		
		650155	24 Series Cylinder Dogging (CD) Kit 3'		
		650156	24 Series Cylinder Dogging (CD) Kit 4'		
95	1	650191	25 Series Hex Dogging (HD) Kit 3'	1– Panic Channel Cover 1– Dogging Subassembly 1– #8-32 x 3⁄8" UFPHMS	A
		650192	25 Series Hex Dogging (HD) Kit 4'		
		650187	24 Series Hex Dogging (HD) Kit 3'		
		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

25 Series

Refill parts/packages

			Where used															
			Device								Trims							
Part no.	Description	Qty	24R	24V	24C	25R	25M	25V	25C	510	511	512	513	711	712	718	719	
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 1¾" US3, US4, US10, pkg of 10	5										.						
	FSA/FSE Trim Screw 1¾" SP313, pkg of 10	5										.						
	FSA/FSE Trim Screw 1¾" US26, US32, US26D, US32D, SP28, pkg of 10	5										.						
640001	24 Plastic Mounting Template	2	.	.	.													
640002	25 Plastic Mounting Template	2				.	.	.	.									
060111	Cotter Key ⅛" 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 ¾" FPHMS	10				.	.	.	.									
2729P	Sex Bolt with machine screw, #10-24 x ¾" 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.