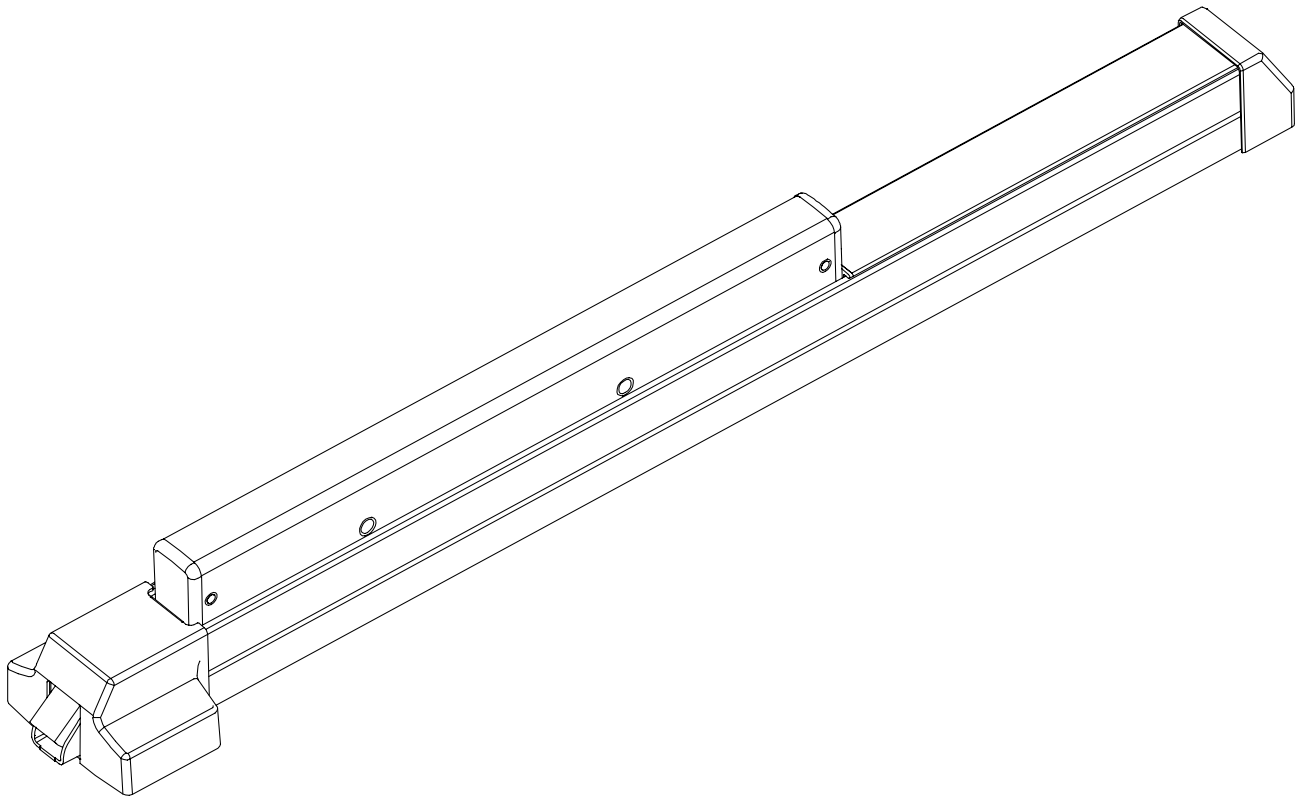# VON DUPRIN®

PARTS MANUAL

JUNE 2005

22 SERIES
RIM EXIT DEVICE

IR Security & Safety
Proven Source. Proven Solutions.™

INDEX

INTRODUCTION

This manual contains a listing of replaceable parts and assemblies for the 22 Rim Exit Hardware Devices.

HOW TO ORDER

Some parts are sold separately. Other items 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 (if available finished)
- Date of original purchase (if known)

To find out the name of your local Von Duprin distributor or sales representative, contact:

Von Duprin Division
Ingersoll-Rand Company
2720 Tobey Drive
Indianapolis, Indiana 46219
Phone: (800) 999-0408
Fax: (800) 999-0328
Website: www.vonduprin.com

PART NUMBER CHANGES

This manual reflects the product as sold in June 2005. Because of changes to the product and/or manufacturing process, part numbers can change.

OUTSIDE TRIM FUNCTIONS

22 SERIES FINISHES
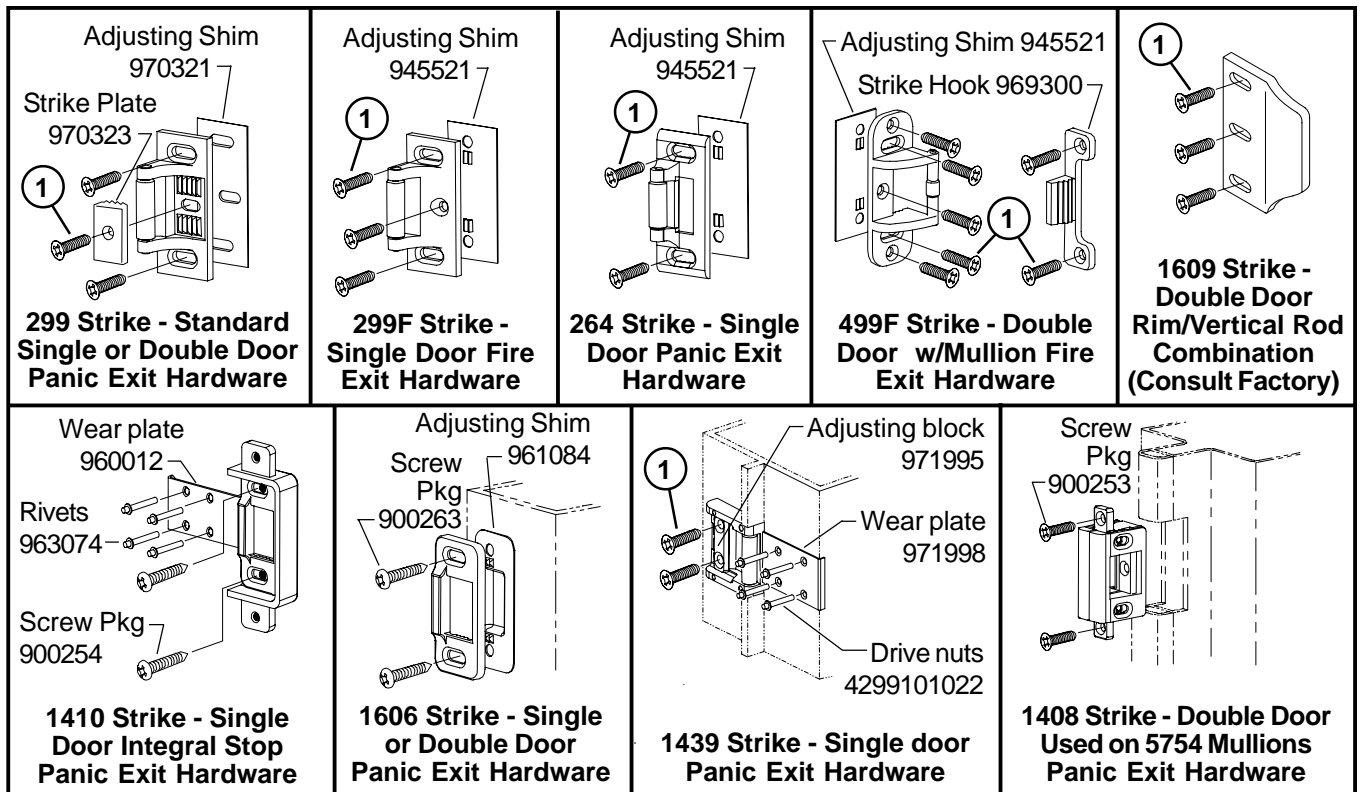
U.S. Std Reference	BHMA Reference	Description
SP28	689	Painted Aluminum
SP313	695	Painted Dark Bronze

230DT***   230NL**   230TP

210DT   210K   110NL****

210NL**   230L
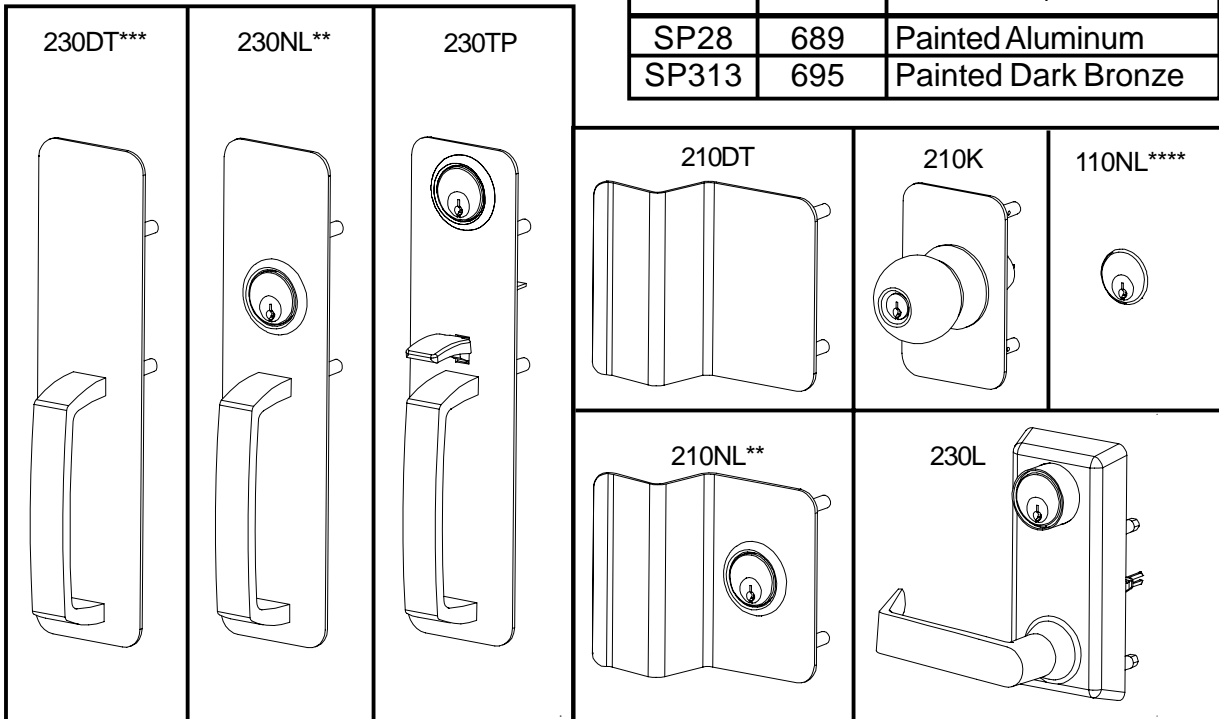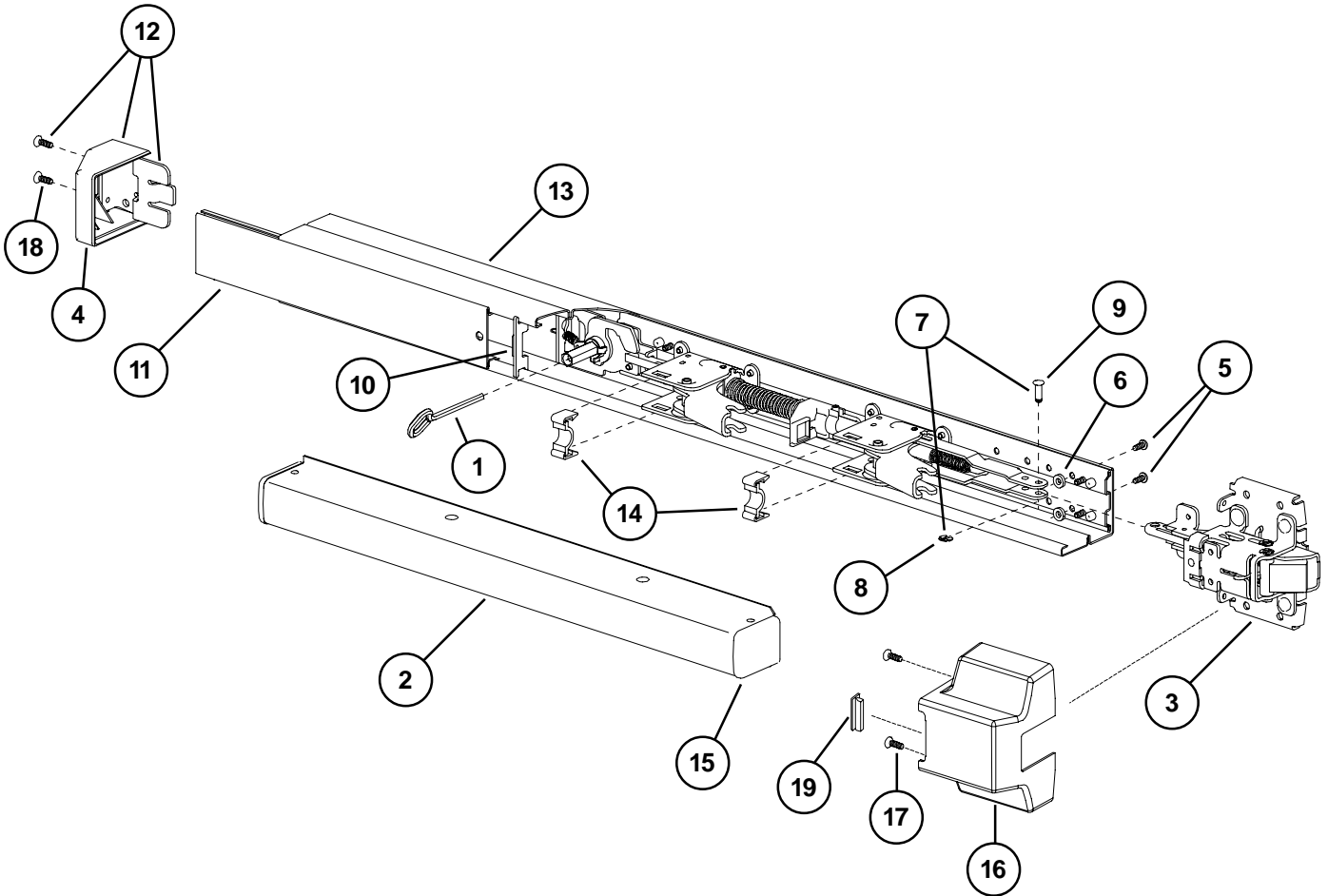
   *   "BE" (Blank Escutcheon) no cylinder used - lever always active

  **   "NL" (Night Latch) rigid lever - key retracts latch bolt

 *** "DT" (Dummy Trim) rigid lever for pull operation

**** Optional Pull needs to be added

STRIKES

(1) Metal Door Screw Package PKGSRV.1023 (Pkg of 10)
Wood Door Screw 964291 (Qty of 1)

Adjusting Shim 970321
Strike Plate 970323
(1)

299 Strike - Standard Single or Double Door Panic Exit Hardware

Adjusting Shim 945521
(1)

299F Strike - Single Door Fire Exit Hardware

Adjusting Shim 945521
(1)

264 Strike - Single Door Panic Exit Hardware

Adjusting Shim 945521
Strike Hook 969300
(1)

499F Strike - Double Door w/Mullion Fire Exit Hardware

(1)

1609 Strike - Double Door Rim/Vertical Rod Combination (Consult Factory)

Wear plate 960012
Rivets 963074
Screw Pkg 900254

1410 Strike - Single Door Integral Stop Panic Exit Hardware

Adjusting Shim 961084
Screw Pkg 900263

1606 Strike - Single or Double Door Panic Exit Hardware

Adjusting block 971995
(1)
Wear plate 971998
Drive nuts 4299101022

1439 Strike - Single door Panic Exit Hardware

Screw Pkg 900253

1408 Strike - Double Door Used on 5754 Mullions Panic Exit Hardware

22 RIM PANIC DEVICE

22 RIM PANIC DEVICE

Item No.	Quantity	Part No.	Description	Finish
	1	900561	22 Series Mounting Pkg. (1-3/4 & 2-1/4)	
1	1	090085	227 Dog Key 5/32" Hex (Pkg of 10)	
1	1	090005	227 Dog Key 5/32" Hex (Pkg of 2)	
2	1	*PBKIT	22 Series Push Bar Retrofit Kit - 3' Door	X
2	1	*PBKIT	22 Series Push Bar Retrofit Kit - 4' Door	X
3	1	109012	22 Rim Center Case Less Cover	
4	1	968601	22 Mechanism Case End Cap	
5	2	090037	Baseplate Screw (Pkg of 10)	
6	2	964013	3/8" x 3/16" x 3/32" Washer	
7	1	050529	22 Series Control Link Pin & Ret. Ring	
8	1	090107	Ret. Ring Pkg/10	
9	1	090031	Control Link Pin Pkg/10	
10	1	968592	Cover Plate Bearing Insert	
11	1	968595	22/2227 Cover Plate - 3' Dr	X
11	1	968596	22/2227 Cover Plate - 4' Dr	X
12	1	900981	22 End Cap Kit	
13	1	970035	22 Mechanism Case - 3' Dr	X
13	1	970036	22 Mechanism Case - 4' Dr	X
14	2	966268	Touch Bar Cover Bearing Insert	
15	1	968598	22 Push Bar End Cap	
16	1	968603	22/22-F Center Case Cover	X
17	2	090077	22 Series Center Case Cover Screw Pkg/4	X
18	2	964520	22 End Cap Screw	
19	1	966268	Touch Bar Cover Bearing Insert	

X in "Finish" column designates finished items; finish must be specified when ordering.

* To order, specify device type, size, and finish. Example: PBKIT 22 3' SP28
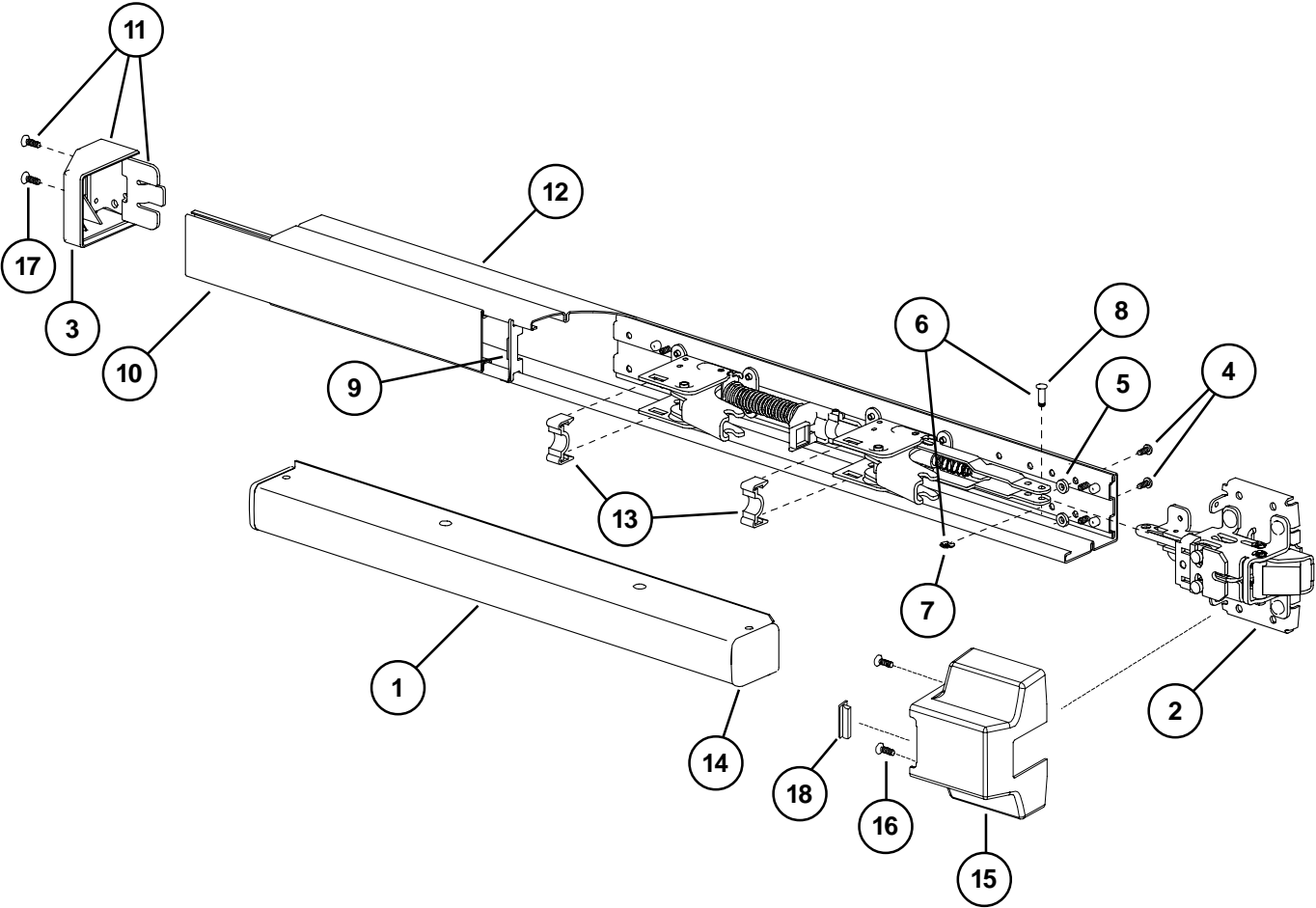
22-F RIM FIRE DEVICE

Item No.	Quantity	Part No.	Description	Finish
	1	900561	22 Series Mounting Pkg. (1-3/4 & 2-1/4)	
1	1	*PBKIT	22 Series Push Bar Retrofit Kit - 3' Door	X
1	1	*PBKIT	22 Series Push Bar Retrofit Kit - 4' Door	X
2	1	109915	22-F Rim Center Case Less Cover	
3	1	968601	22 Mechanism Case End Cap	
4	2	090037	Baseplate Screw (Pkg of 10)	
5	2	964013	3/8" x 3/16" x 3/32" Washer	
6	1	050529	22 Series Control Link Pin & Ret. Ring	
7	1	090107	Ret. Ring Pkg/10	
8	1	090031	Control Link Pin Pkg/10	
9	1	968592	Cover Plate Bearing Insert	
10	1	969127	22/2227-F Cover Plate - 3' Dr	X
10	1	969126	22/2227-F Cover Plate - 4' Dr	X
11	1	900981	22 End Cap Kit	
12	1	970035	22 Mechanism Case - 3' Dr	X
12	1	970036	22 Mechanism Case - 4' Dr	X
13	2	966268	Touch Bar Cover Bearing Insert	
14	1	968598	22 Push Bar End Cap	
15	1	968603	22/22-F Center Case Cover	X
16	2	090077	22 Series Center Case Cover Screw Pkg/4	X
17	2	964520	22 End Cap Screw	
18	1	966268	Touch Bar Cover Bearing Insert	

X in "Finish" column designates finished items; finish must be specified when ordering.

* To order, specify device type, size, and finish. Example: PBKIT 22 3' SP28

22 RIM PANIC DEVICE BASEPLATE ASSEMBLY

Item No.	Quantity	Part No.	Description	Finish
1	1	090043	Dogging adapter (Pkg of 2)	
2	1	090042	Dogging adapter spring (Pkg of 2)	
3	1	090041	Dogging spring (Pkg of 2)	
4	1	090040	Hex dogging shaft (Pkg of 2)	
5	1	090044	Dogging hook (Pkg of 2)	
6	1	090039	Latch return spring (Pkg of 10)	
7	4	090038	Rubber bumper (Pkg of 4)	
8	2	090048	Baseplate Bearing Strip (Pkg of 2)	
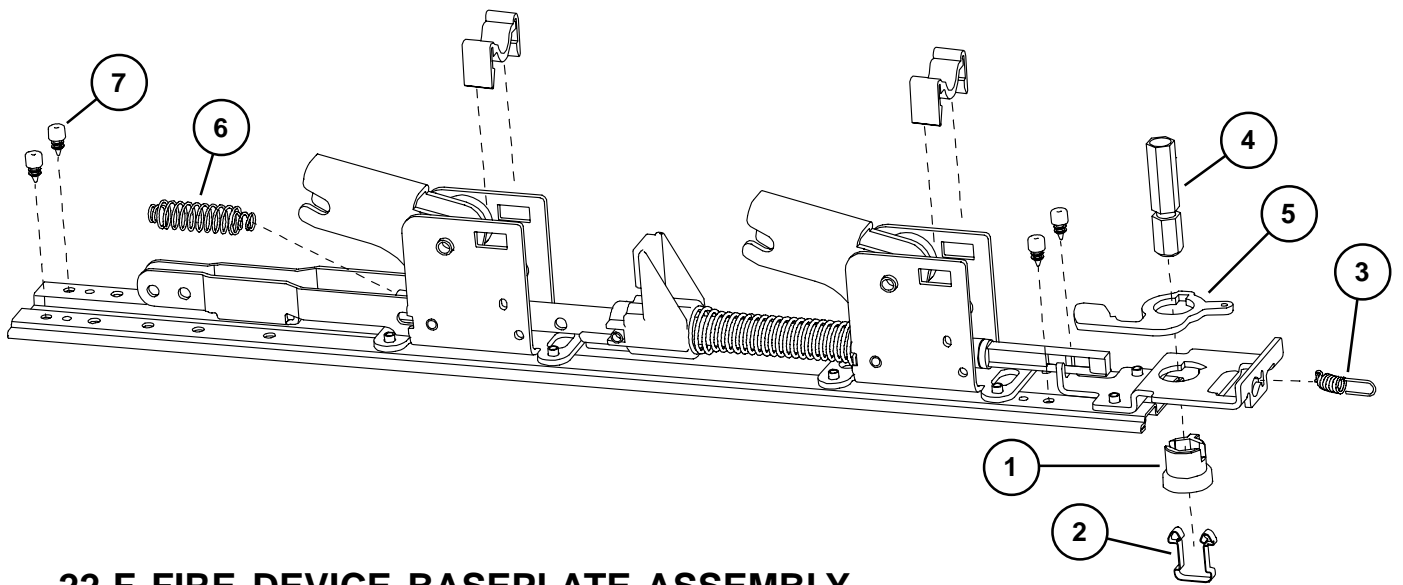
22-F FIRE DEVICE BASEPLATE ASSEMBLY

Item No.	Quantity	Part No.	Description	Finish
1	4	090038	Rubber bumper (Pkg of 4)	
2	1	090039	Latch return spring (Pkg of 10)	
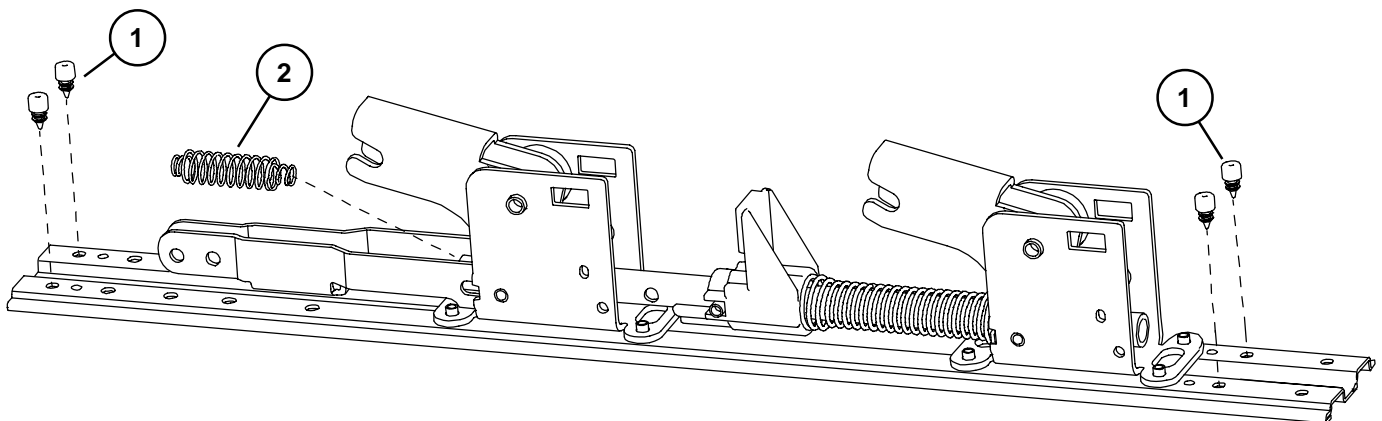
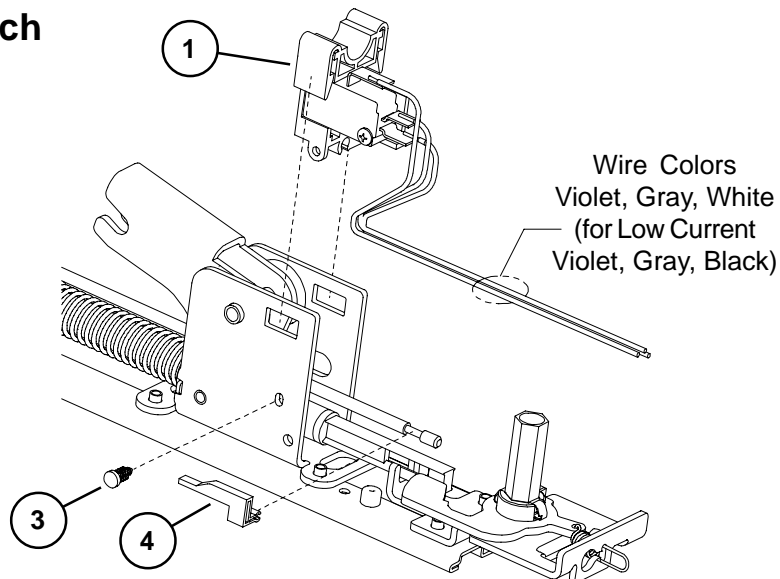## 22 PANIC & 22-F FIRE DEVICE CENTER CASE ASSEMBLY

Item No.	Quantity	Part No.	Description	Finish
1	1	109012	22 Rim Center Case Less Cover	
1	1	109915	22-F Center Case Less Cover	
2	1	090074	NL Drive Screw (Pkg of 10)	
3	1	971592	22/2227 Pushbar Stop	
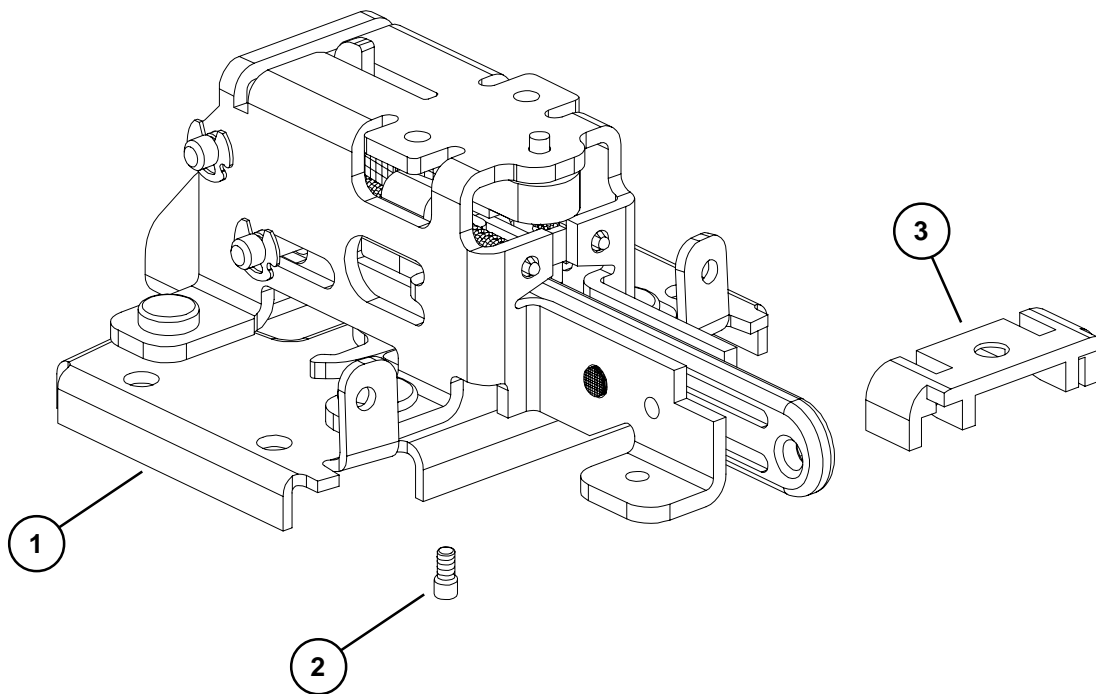
22 SERIES LX (LATCH BOLT MONITOR) & RX (REQUEST TO EXIT) OPTIONS

Item No.	Quantity	Part No.	Description	Finish
1	1	050254	LX Switch Kit 3' Device	
1	1	050255	LX Switch Kit 4' Device	
1	1	050283	LX-LC (Low Current) Switch Kit 3' Device	
1	1	050285	LX-LC (Low Current) Switch Kit 4' Device	
2	1	050251	RX Switch Kit	
2	1	050281	RX-LC (Low Current) Switch Kit	
3	1	090099	Pine Tree Clip (Pkg of 10)	
4	1	971091	LX Actuator	

LX Switch

Wire Colors
Violet, Gray, White
(for Low Current
Violet, Gray, Black)

RX Switch

Wire Colors
Red, Yellow, Blue
(for Low Current
Green, Yellow, Blue)

PM22_B
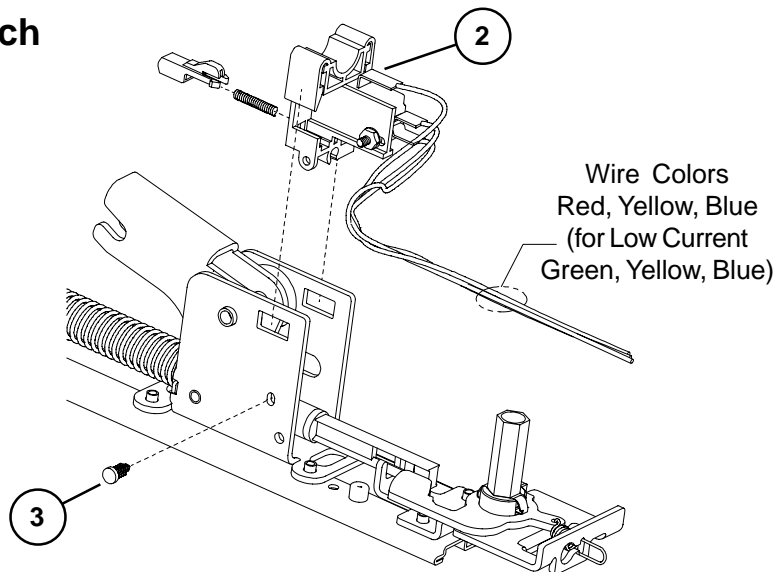
22 ALK EXIT ALARM KIT

Item No.	Quantity	Part No.	Description	Finish
1	1	111795	ALK PCB Assembly	
2	1	967704	Cylinder Collar	X
3	1	969122	ALK Alarm Device Sign	
4	1	969349	ALK Arming Label	
5	1	969350	ALK Disarming Label	
6	1	969354	Retainer Nut	
7	1	970594	ALK Cylinder Spacer	
8	1	971556	ALK Switch Actuator	
9	1	971557	ALK Cylinder Bracket	
10	1	990637	ALK Battery	
11	1	971470	22 ALK Cover Plate - 3' Dr	X
11	1	971471	22 ALK Cover Plate - 4' Dr	X

X in "Finish" column designates finished items; finish must be specified when ordering.

EMERGENCY EXIT ONLY ALARM WILL SOUND