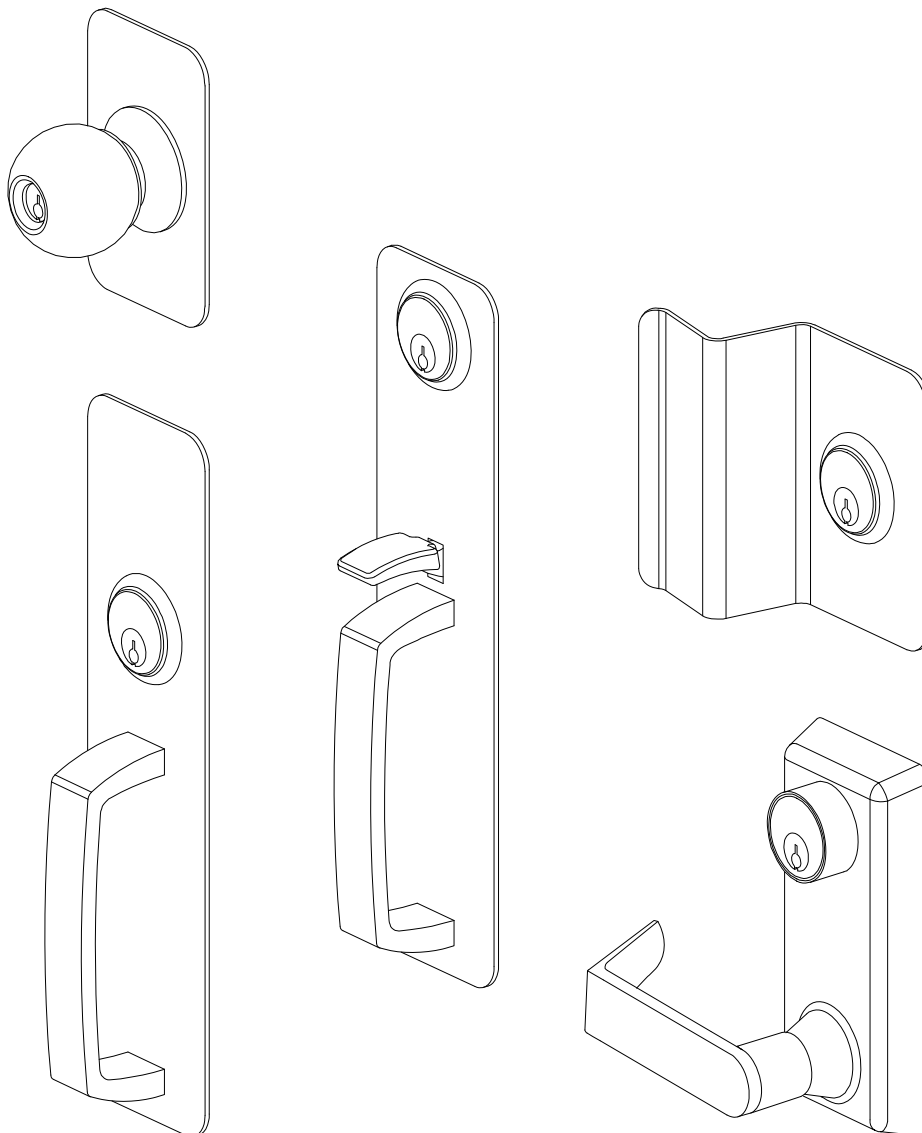


VON DUPRIN®

PARTS MANUAL

JULY 2009

110, 210, AND 230 SERIES TRIM



PM210_A
VD-5562

IR Ingersoll Rand
Security Technologies

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INTRODUCTION

This manual contains a listing of replaceable parts and assemblies for the 110, 210, and 230 Series Trim.

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

PART NUMBER CHANGES

This manual reflects the product as sold in July 2009. Because of changes to the product and/or manufacturing process, part numbers can change.

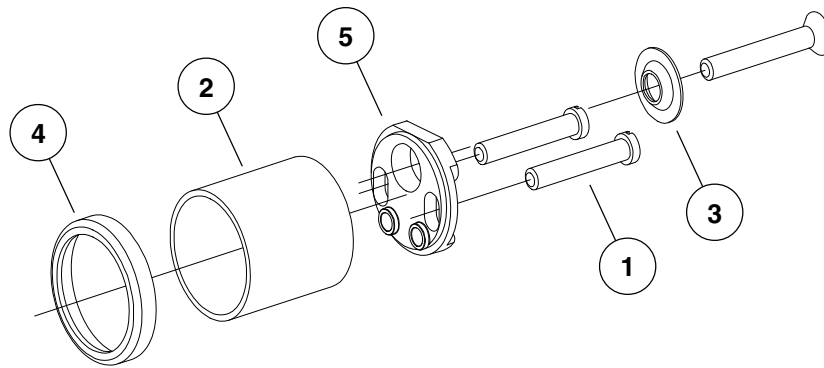
110, 210, 230 SERIES TRIM FINISHES

US Number	BHMA Number	Color
SP28	689	Aluminum (laquered)
SP313	695	Bronze, dark (painted)

110NL-MD PARTS

Item No.	Part No.	Description	Quantity	Finish
1	959055	550/555/556 Special Cylinder Screw - 1-3/4" Door	1	
1	959056	550/555/556 Special Cylinder Screw - 2-1/4" Door	1	
2	960060	110NL Cylinder Spacer Collar	1	
3	961180	110NL Cylinder Assembly Countersink Washer	1	
4	967291	110NL-MD Cylinder Collar	1	X
5	971593	110NL Cylinder Assembly Cylinder Disc	1	

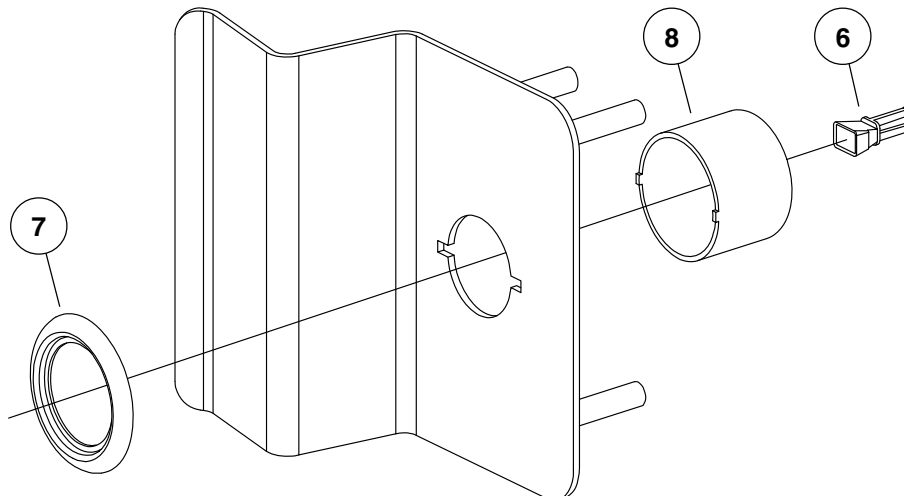
X in "Finish" column designates finished item; specify finish when ordering.



210NL PARTS

Item No.	Part No.	Description	Quantity	Finish
6	050156	Tailpiece Guide Lead Kit	10	
7	965226	Cylinder Collar	1	X
8	968201	210/230 Cylinder Retaining Cup	1	

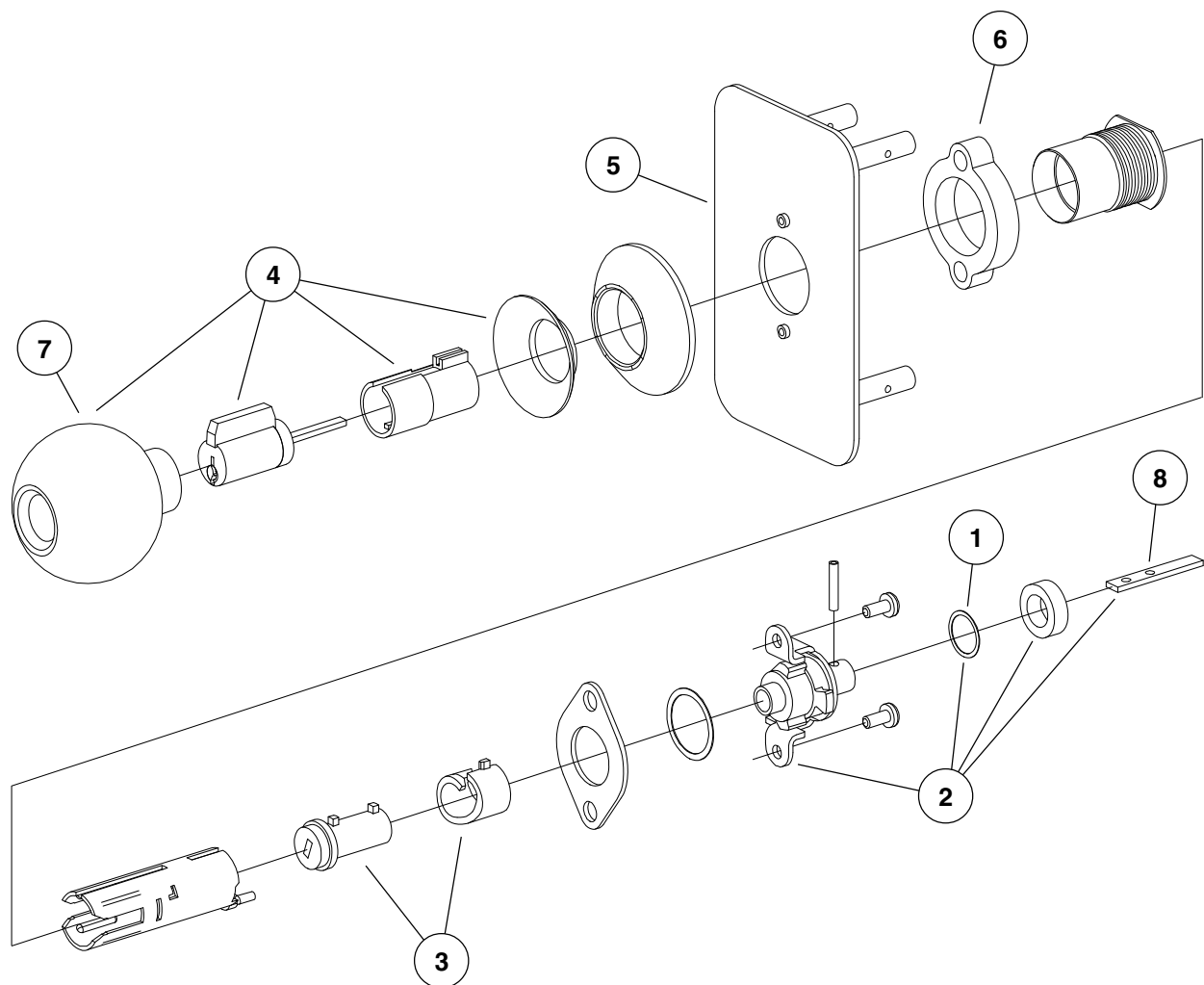
X in "Finish" column designates finished item; specify finish when ordering.



210K, 210K-BE PARTS

Item No.	Part No.	Description	Quantity	Finish
1	090103	210K Wave Spring Washer Pkg.	10	
2	109871	210K Bracket & Booster Assembly	1	
3	109872	210K Spiral Cam Sub-Assembly	1	
4	109873	210K Cylinder Knob Sub-Assembly	1	X
5	109879	210K Trim Sub-Assembly	1	X
6	969140	210K Knob Spacer	1	
7	969157	210K Knob	1	X
7	969352	210K-BE Knob	1	X
8	970979	210K/L Spindle Shaft	1	

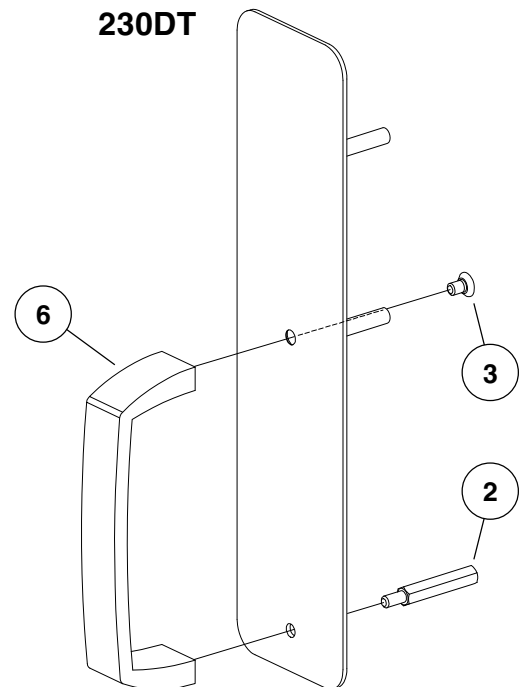
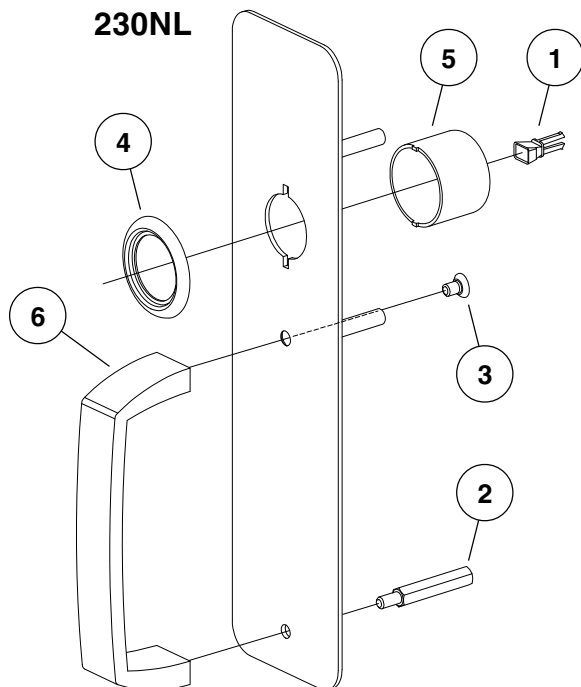
X in "Finish" column designates finished item; specify finish when ordering.



230NL, 230DT PARTS

Item No.	Part No.	Description	Quantity	Finish
	050140	230DT x 330/350 Screw Pkg. 1-3/4" Door		X
		#12 Countersink Washer	1	
		12-24 x 3/4" OPHMS	1	
		#10 Countersink Washer	4	
		10-24 x 3/4" OPHMS	4	
	050141	230DT x 330/350 Screw Pkg. 1-3/4" Door		X
		#12 Countersink Washer	1	
		12-24 x 1-1/4" OPHMS	1	
		#10 Countersink Washer	4	
		10-24 x 1-1/4" OPHMS	4	
1	050156	Tailpiece Guide Lead Kit	10	
2	956760	Hex Stud	1	
3	963579	12-24 x 3/8" UFPHMS	1	
4	965226	Cylinder Collar	1	X
5	968201	210/230 Cylinder Retaining Cup	1	
6	969925	230 Pull Grip	1	X

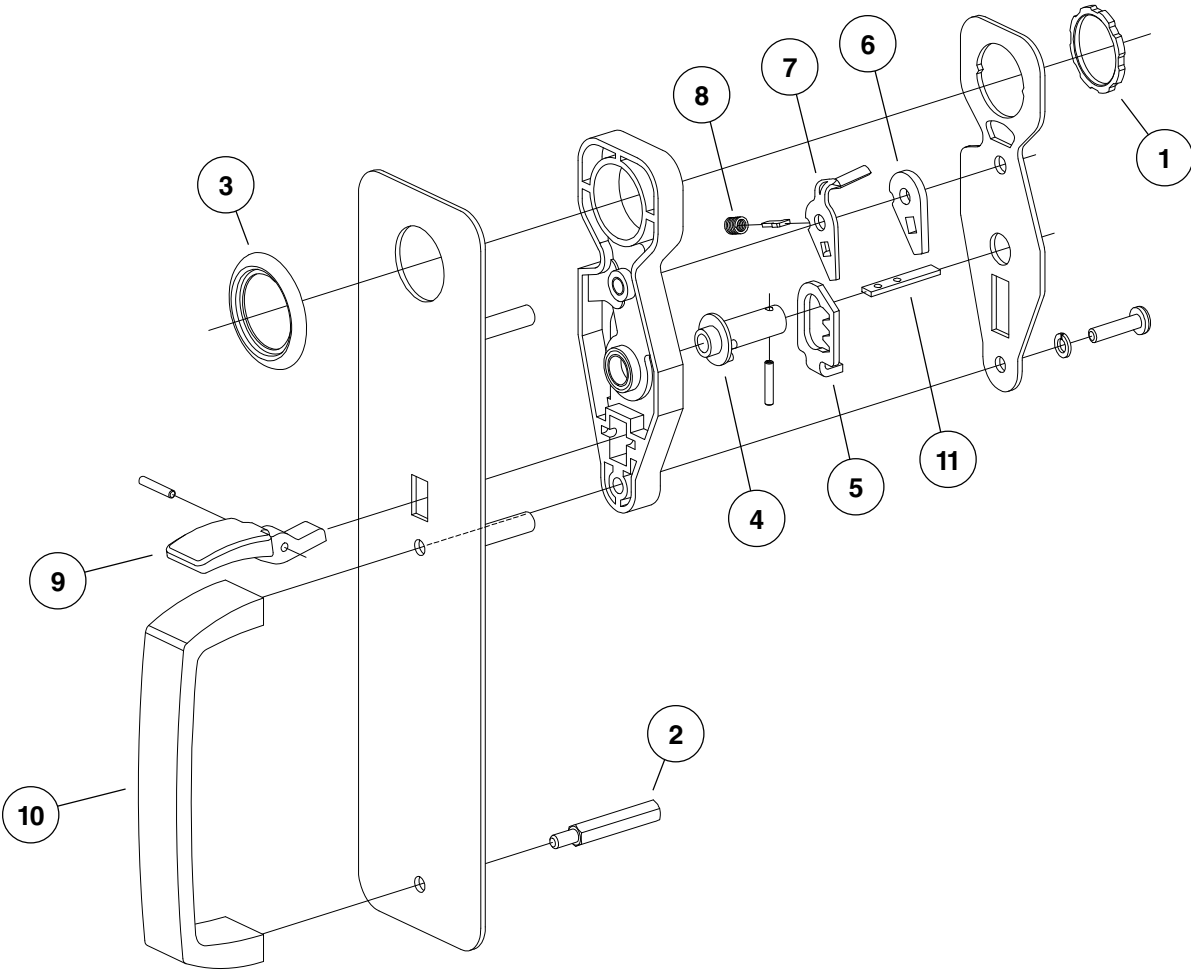
X in "Finish" column designates finished item; specify finish when ordering.



230TP PARTS

Item No.	Part No.	Description	Quantity	Finish
1	050526	230L Cylinder Locknut	1	
2	956760	Hex Stud	1	
3	965226	Cylinder Collar	1	X
4	969903	230TP Cam	1	
5	969904	230TP Slider	1	
6	969906	230TP Locking Cam	1	
7	969908	230TP Locking Cam Latch	1	
8	969909	230TP Compression Spring	1	
9	969910	230TP Thumbpiece	1	X
10	969925	230 Pull Grip	1	X
11	970979	210K/L Spindle Shaft	1	

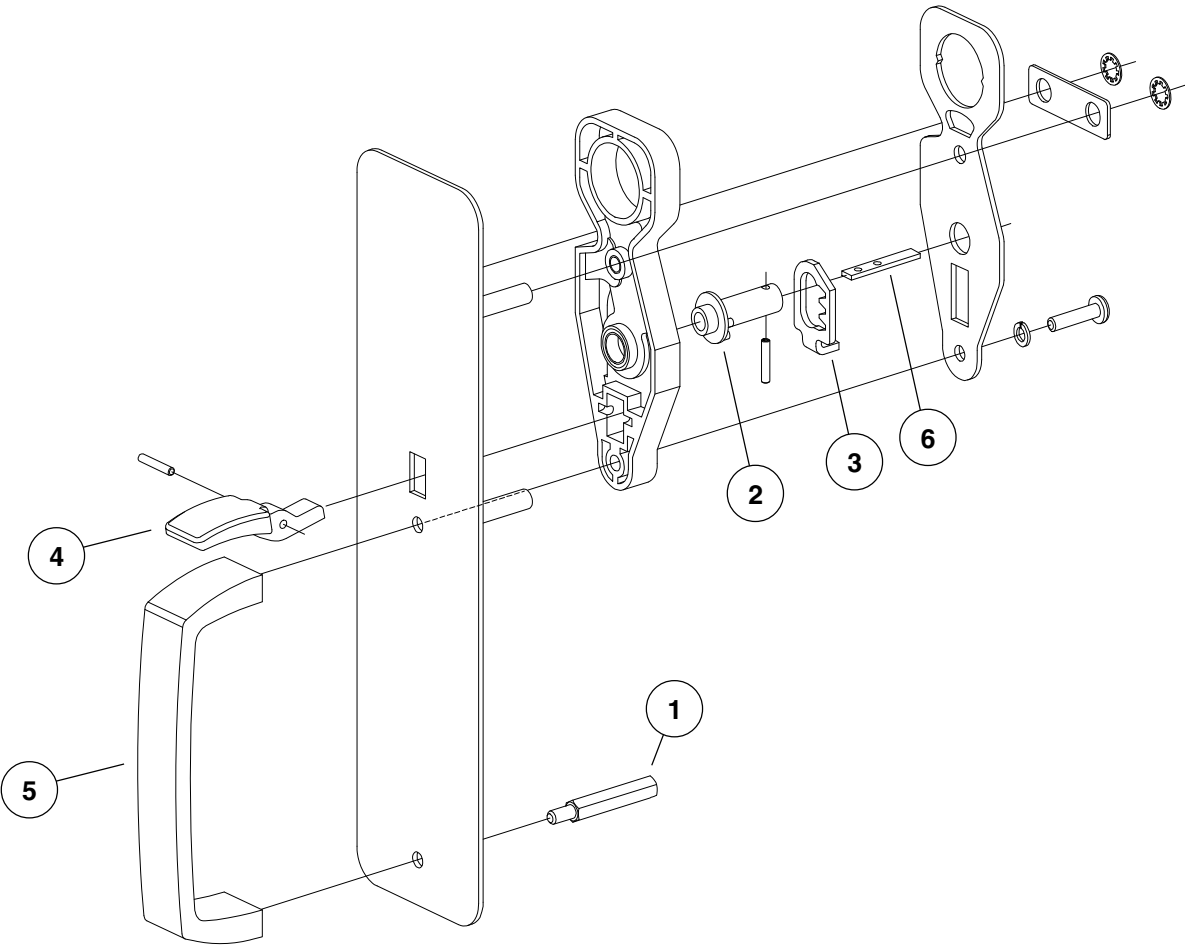
X in "Finish" column designates finished item; specify finish when ordering.



230TP-BE PARTS

Item No.	Part No.	Description	Quantity	Finish
1	956760	Hex Stud	1	
2	969903	230TP Cam	1	
3	969904	230TP Slider	1	
4	969910	230TP Thumbpiece	1	X
5	969925	230 Pull Grip	1	X
6	970979	210K/L Spindle Shaft	1	

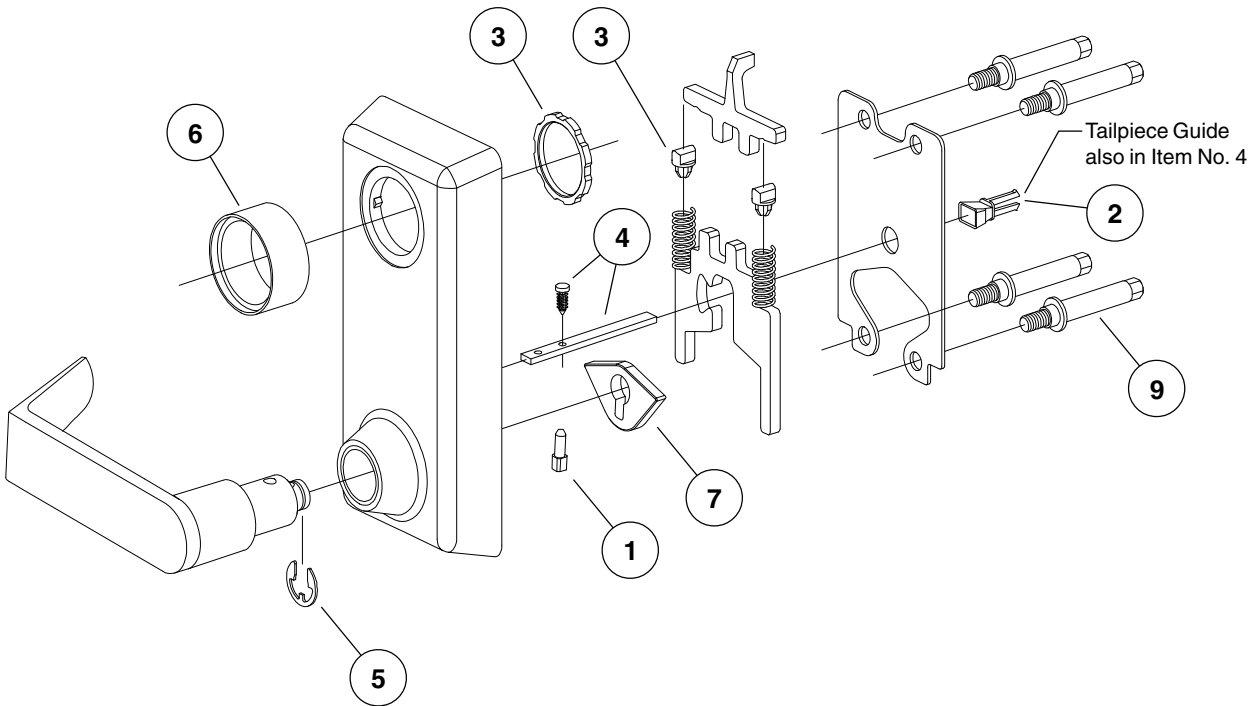
X in “Finish” column designates finished item; specify finish when ordering.



230L PARTS

Item No.	Part No.	Description	Quantity	Finish
1	050148	230L Shearpin Replacement Kit	10	
2	050156	Tailpiece Guide Lead Kit	10	
3	050526	230L Cylinder Locknut	1	
4	900894	230L Tailpiece Auxiliary		
		Tailpiece Guide	1	
		Pine Tree Clip	1	
		Tailpiece	1	
5	964334	230L Retaining Ring	1	
6	971249	230L Cylinder Collar	1	
7	971257	230L Lever Cam	1	
8	971497	230L Locking Plunger	1	
9	971245	230L Stud	1	

X in "Finish" column designates finished item; specify finish when ordering.

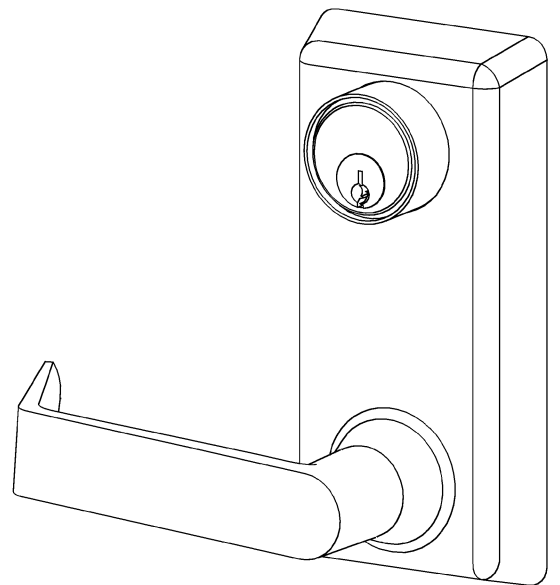
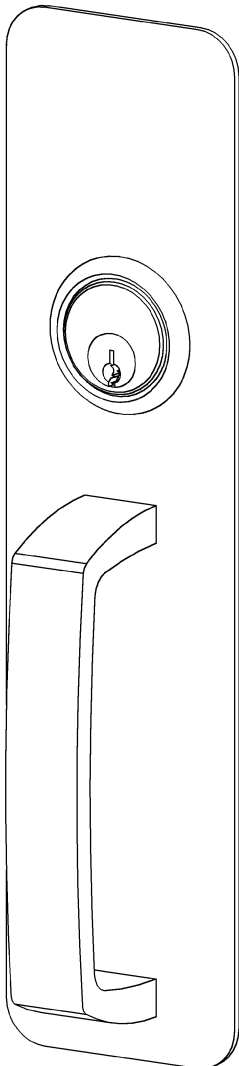
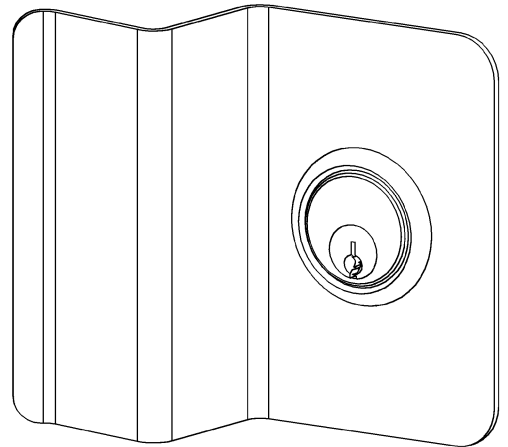
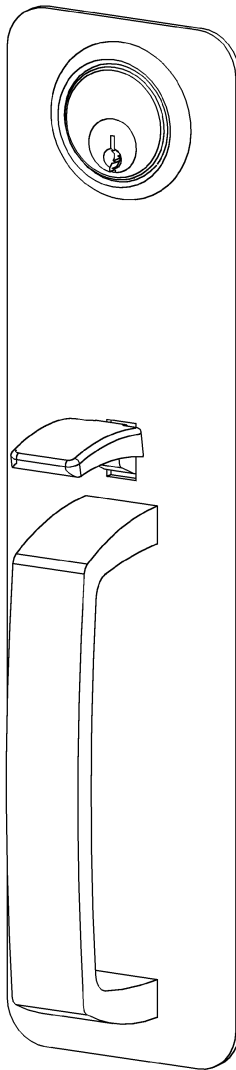
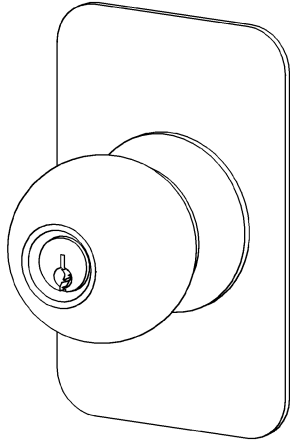


VON DUPRIN

PARTS MANUAL

SEPTEMBER 1999

210/230 SERIES OUTSIDE TRIM



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INTRODUCTION

This Manual contains a listing of replaceable parts and assemblies for the 210/230 Series Trim.

HOW TO ORDER

Some parts are sold separately. Other items are available as part of an assembly. For the best possible service when ordering replacement parts or assemblies, please provide the following information:

- Part or Assembly number
- Description
- Quantity needed
- Finish desired (if available finished)
- Date of original purchase, if known

Exit Device Division
Ingersoll-Rand Company
2720 Tobey Drive
Indianapolis, Indiana 46219
Phone: (800) 999-0408
Fax: (800) 999-0328

PART NUMBER CHANGES

This manual reflects the product as sold in Sept. 1999. Because of changes to the product and/or manufacturing process, part numbers can change.

TRIM FINISHES

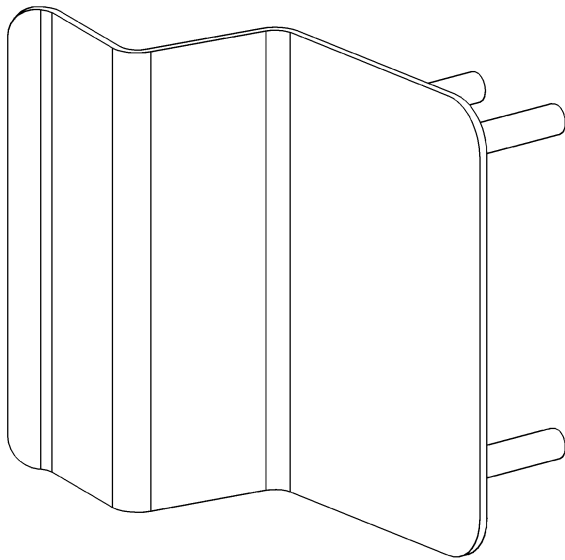
U.S. Std. Reference	BHMA Reference	Description
SP28	689	Lacquer Sprayed Aluminum
SP313	695	Painted 313 Dark Bronze

210DT & 210NL TRIM

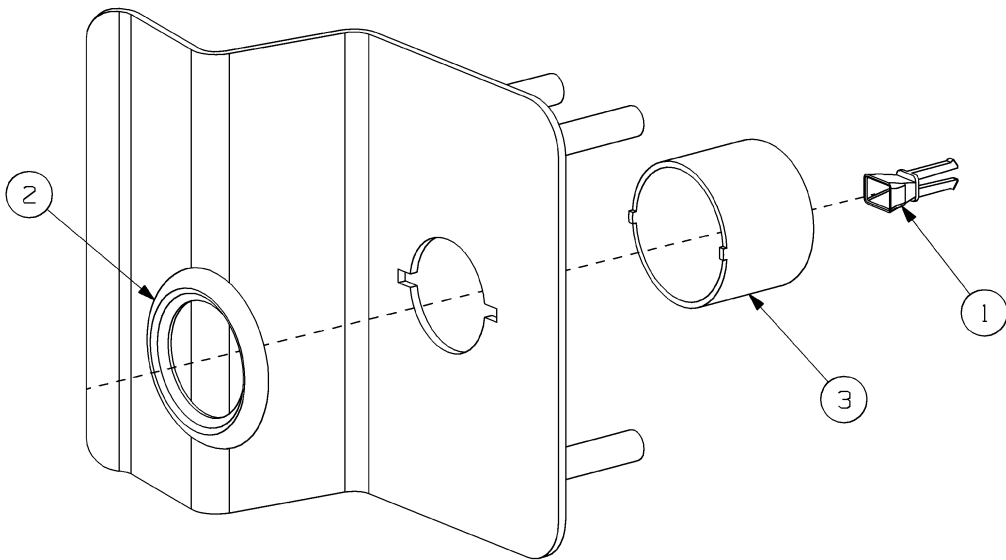
ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
1	1	050156	Tailpiece Guide Lead Kit (Pack of 10)	
2	1	965226	Cylinder Collar 880-R/990-R	X
3	1	968201	Cylinder Retaining Cup	

X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING

210DT TRIM



210NL TRIM

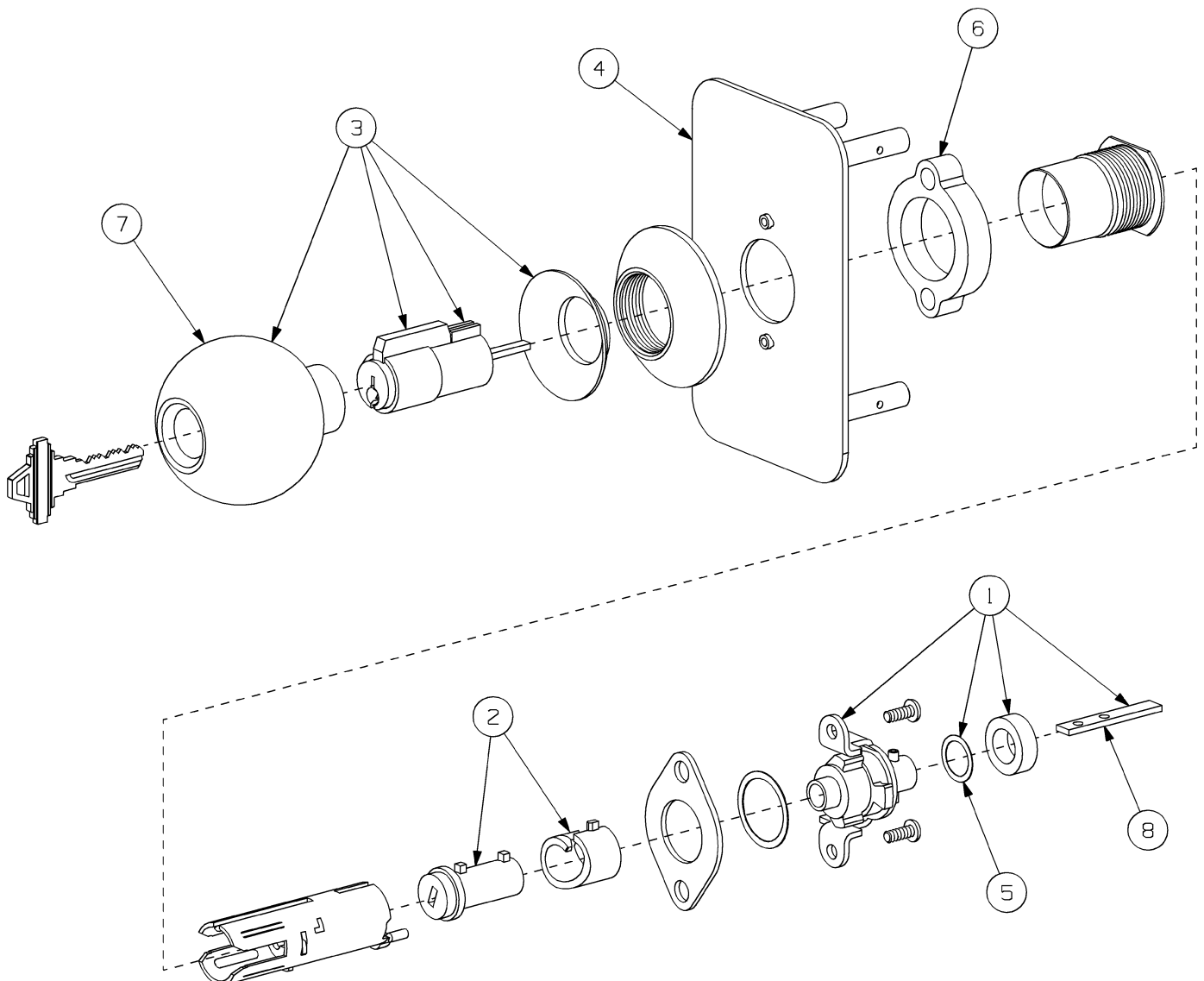


210K & 210K-BE TRIM

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
1	1	109871	210K/210K-BE Bracket & Booster Assembly	
2	1	109872	Spirol Cam Sub-Assembly (210K only)	
3	1	109873	Cylinder Knob Sub-Assembly (210K only)	X
4	1	109879	210K/210K-BE Trim Sub-Assembly	X
5	1	963757	Wave Spring Washer	
6	1	969140	Knob Spacer	
7	1	969157	210K Knob	X
7	1	969352	210K-BE Knob	X
8	1	970979	Spindle Shaft	

X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING

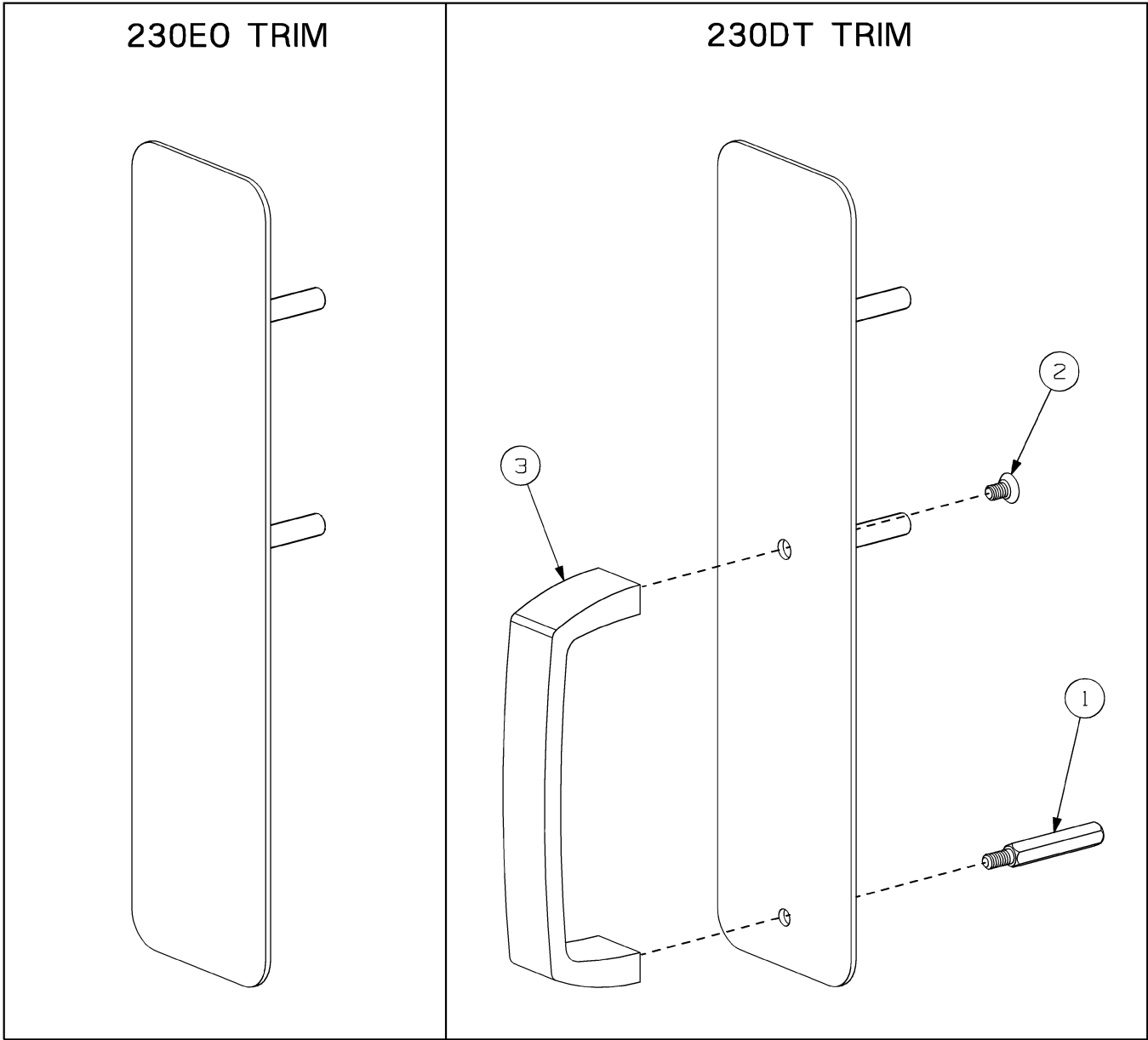
210K TRIM SHOWN



230EO & 230DT TRIM

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
	1	900853	990 Trim Screw Pack (1-3/4 & 2-1/4)	X
1	1	956760	Hex Stud - 880/990	
2	1	963579	#12-24 X 3/8 UFPHMS	
3	1	969925	230TP Pull Grip	X

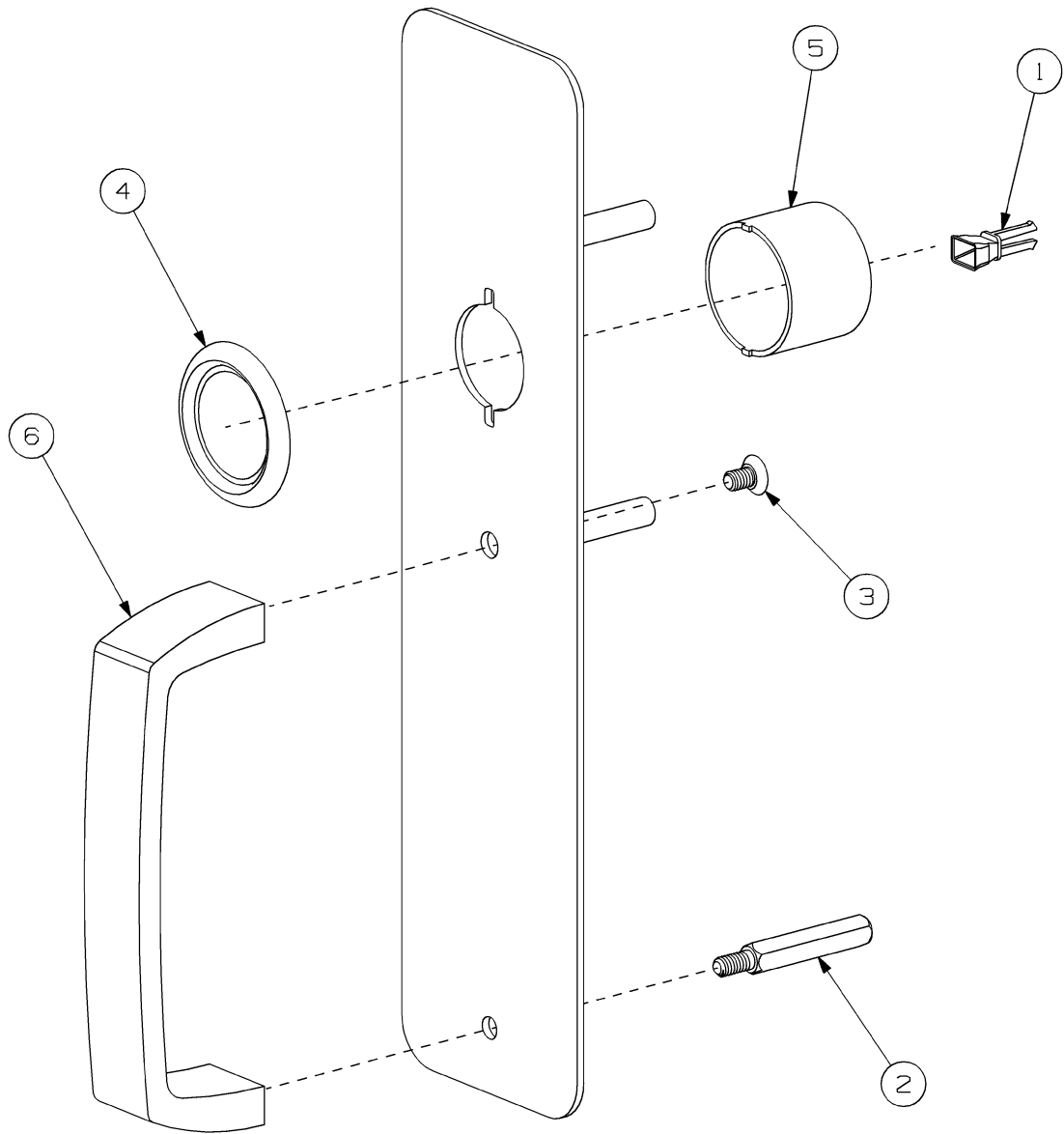
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



230NL TRIM

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
	1	900853	990 Trim Screw Pack (1-3/4 & 2-1/4)	X
1	1	050156	Tailpiece Guide Lead Kit (Pack of 10)	
2	1	956760	Hex Stud - 880/990	
3	1	963579	#12-24 X 3/8 UFPHMS	
4	1	965226	Cylinder Collar 880-R/990-R	X
5	1	968201	Cylinder Retaining Cup	
6	1	969925	230TP Pull Grip	X

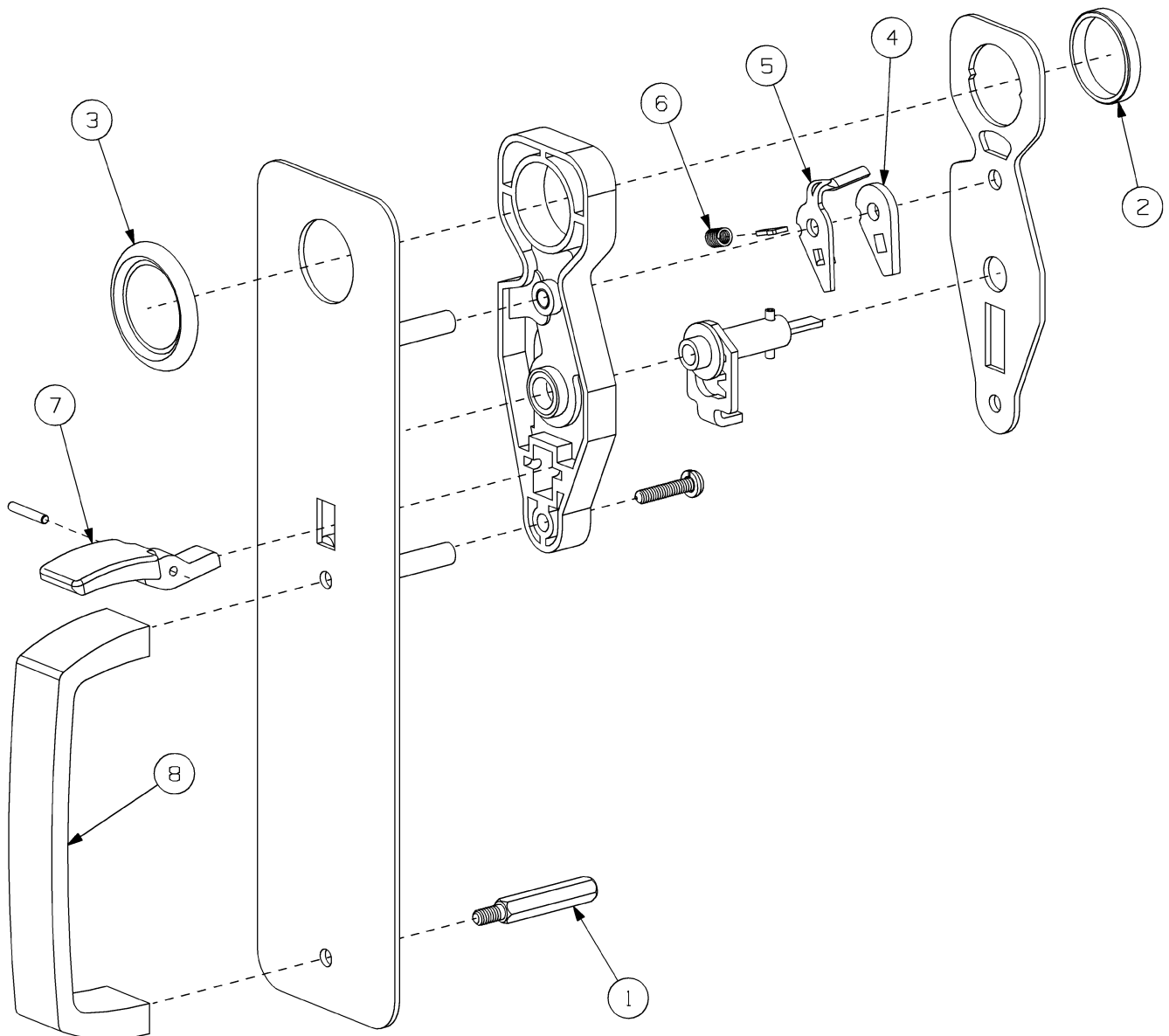
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



230TP TRIM

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
	1	900853	990 Trim Screw Pack (1-3/4 & 2-1/4)	X
1	1	956760	Hex Stud - 880/990	
2	1	959010	Cylinder Locknut	
3	1	965226	Cylinder Collar 880-R/990-R	X
4	1	969906	Locking Cam	
5	1	969908	Locking Cam Latch	
6	1	969909	Compression Spring	
7	1	969910	230TP Thumbpiece	X
8	1	969925	230TP Pull Grip	X

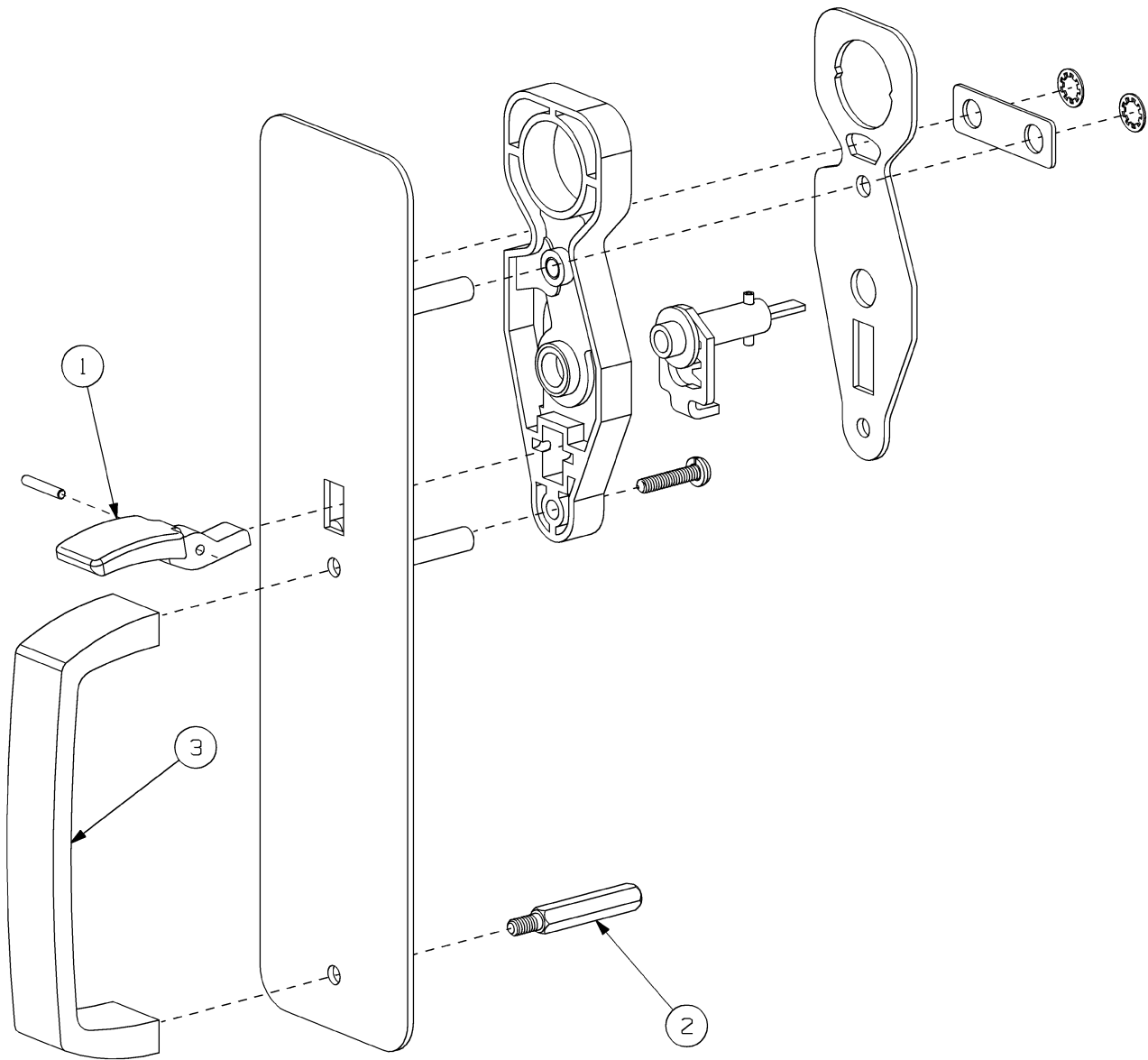
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



230TP-BE TRIM

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
	1	900853	990 Trim Screw Pack (1-3/4 & 2-1/4)	X
1	1	969910	230TP Thumbpiece	X
2	1	956760	Hex Stud - 880/990	
3	1	969925	230TP Pull Grip	X

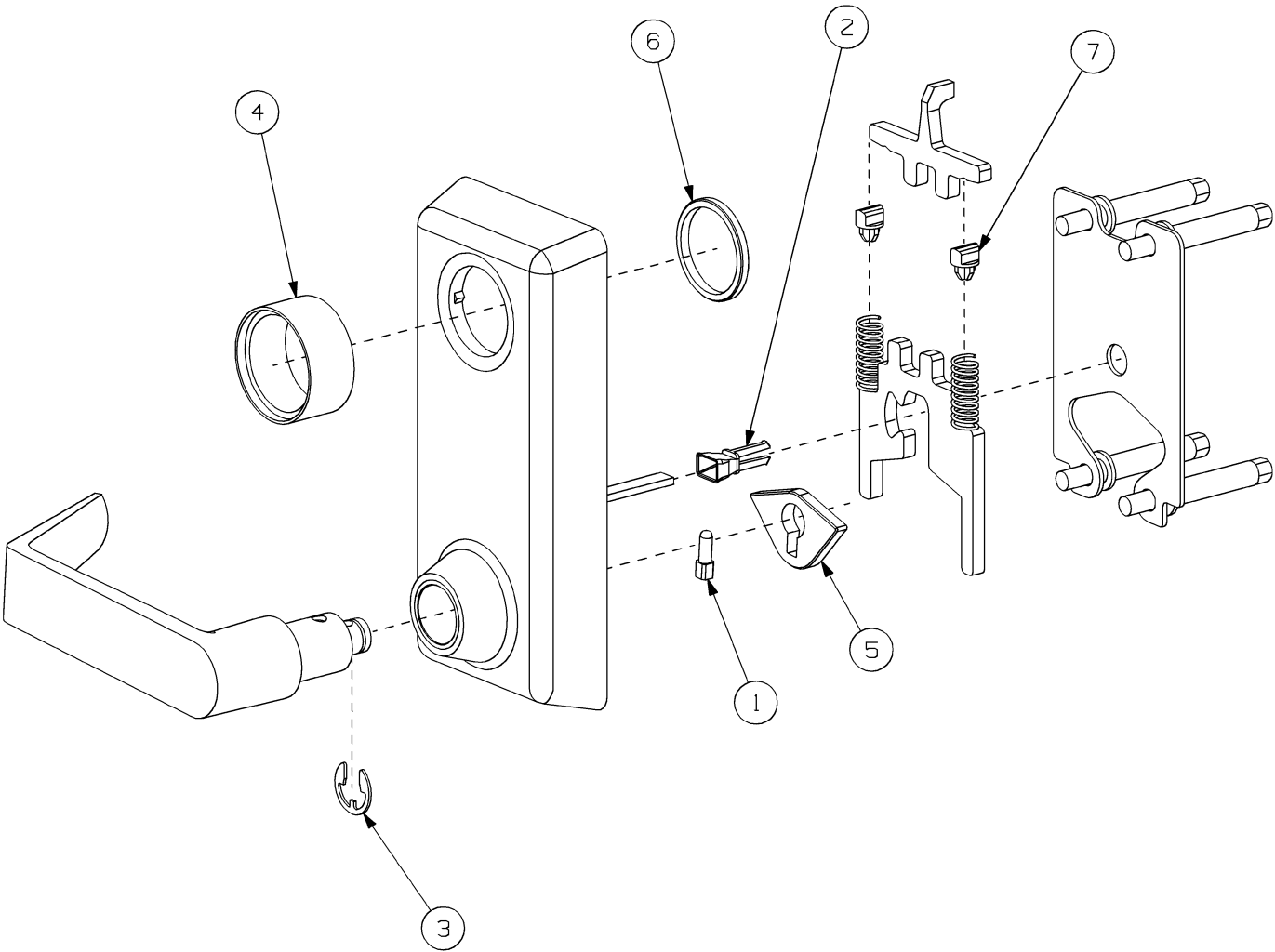
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



230L TRIM

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
1	1	050148	230L Shearpin Replacement Kit (Pack of 10)	
2	1	050156	Tailpiece Guide Lead Kit (Pack of 10)	
3	1	964334	Retaining Ring	
4	1	971249	230L Cylinder Collar	
5	1	971257	230L Lever Cam	
6	1	971258	230L Cylinder Locknut	
7	2	971497	230L Locking Plunger	

X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



110NL-MD CYLINDER ASSEMBLY

ITEM NO.	QTY	PART NO.	DESCRIPTION	FINISH
1	2	959055	Special Cylinder Screw (1-3/4) - 550/555/556	
2	1	960060	Cylinder Spacer Collar - 550/555/556	
3	1	961180	Countersink Washer - 550	
4	1	967291	Cylinder Base - 550	X
5	1	971593	Cylinder Disc - 550	

X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING

