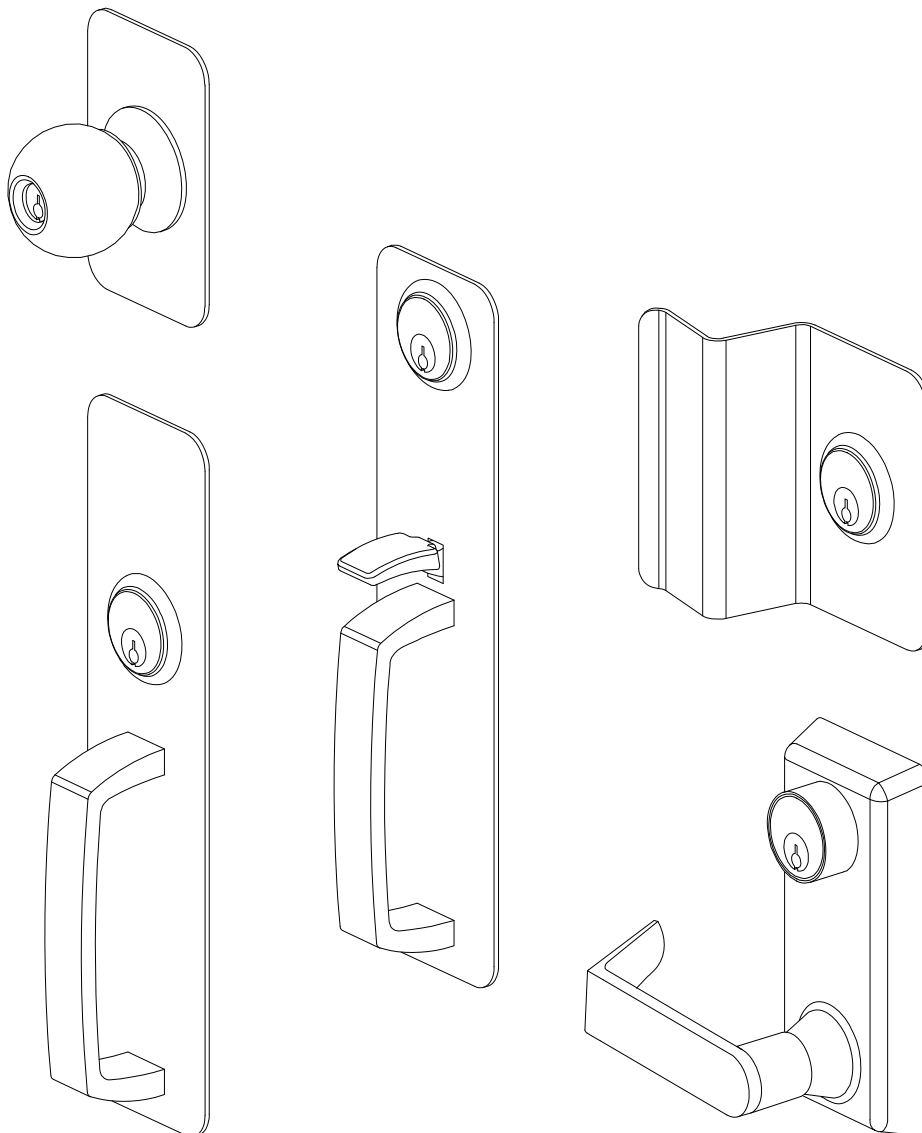


# VON DUPRIN®

## PARTS MANUAL

JULY 2009

### 110, 210, AND 230 SERIES TRIM



PM210\_A  
VD-5562

**IR** Ingersoll Rand  
Security Technologies

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### 110, 210, 230 Series Trim Parts

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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.

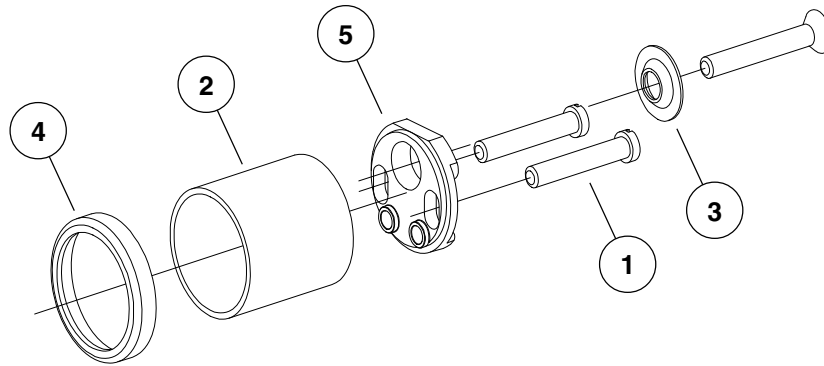
### 110, 210, 230 SERIES TRIM FINISHES

| 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        |        |

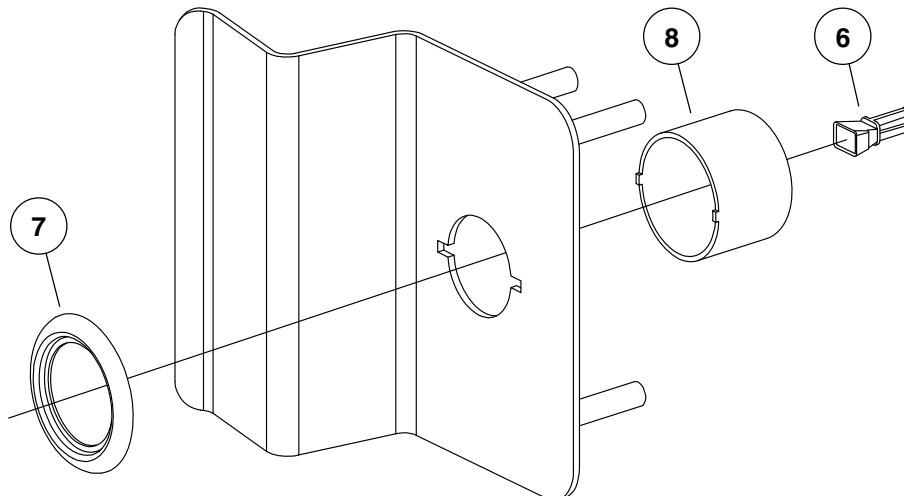
X in "Finish" column designates finished item; specify finish when ordering.



## 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        |        |

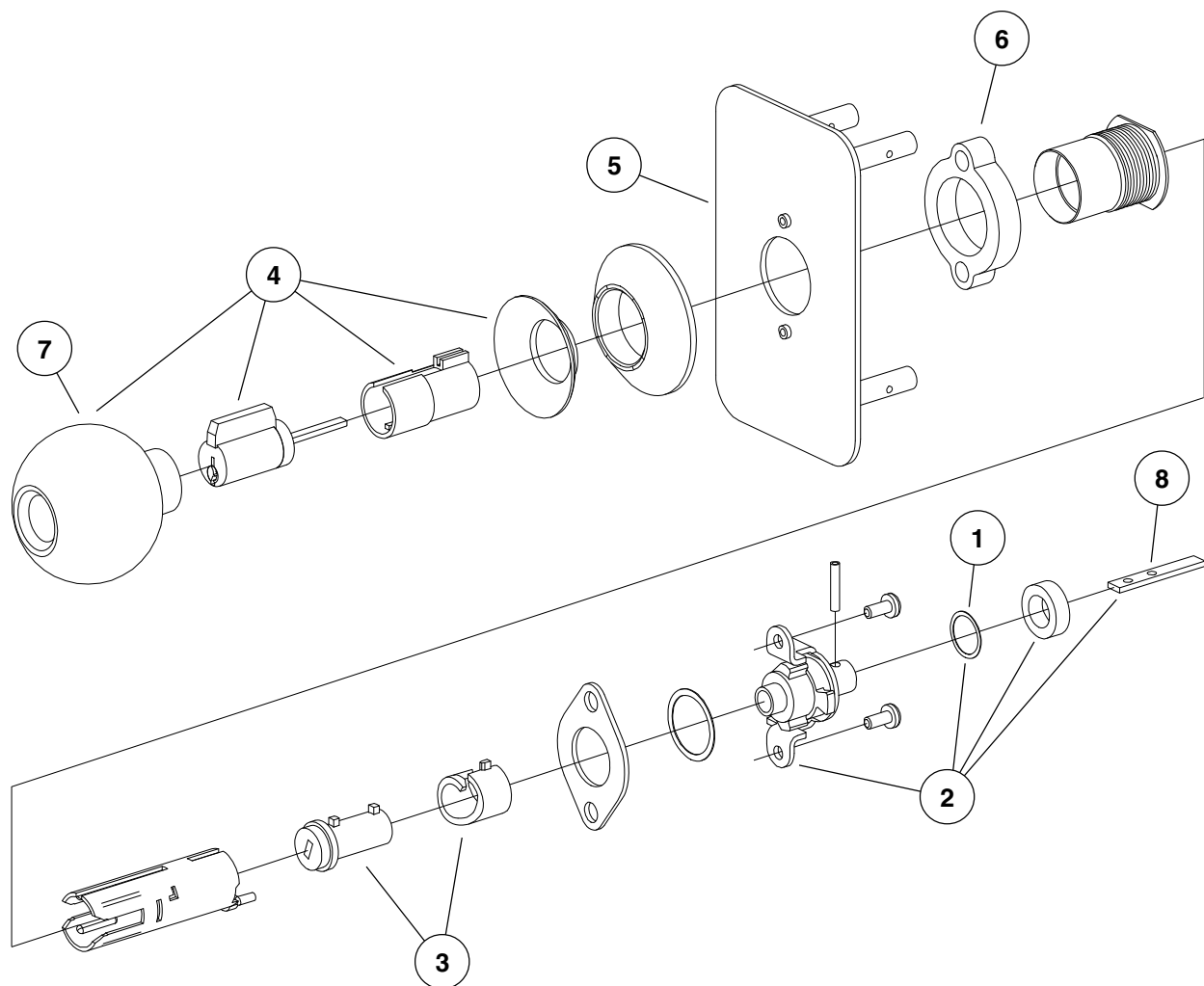
X in "Finish" column designates finished item; specify finish when ordering.



## 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        |        |

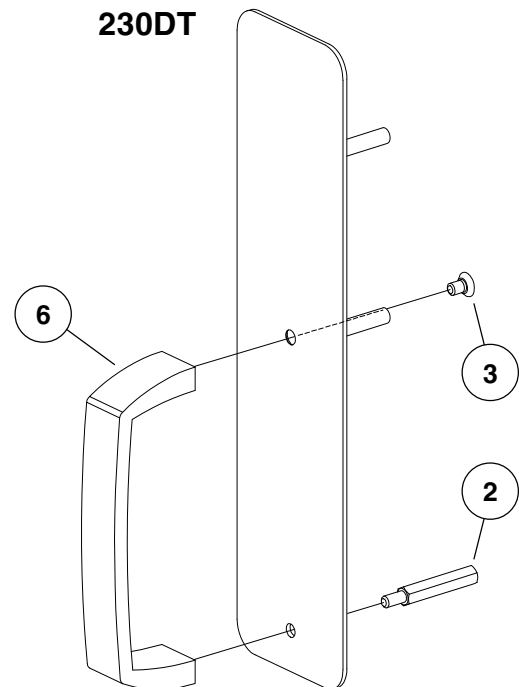
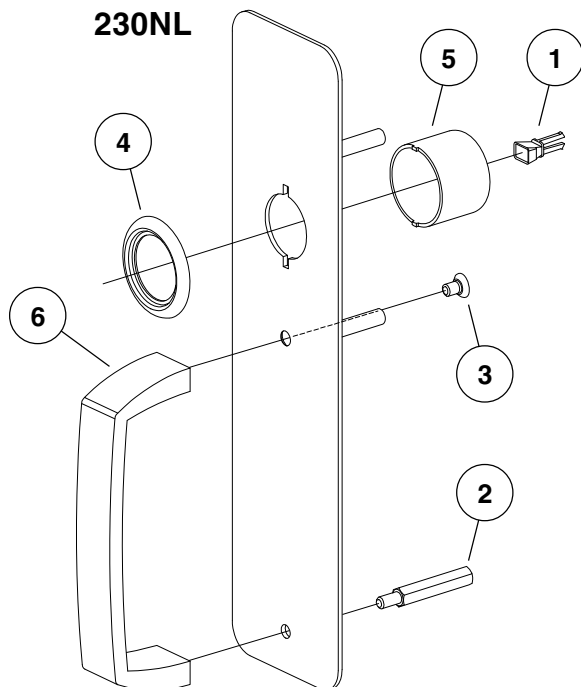
X in "Finish" column designates finished item; specify finish when ordering.



## 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      |

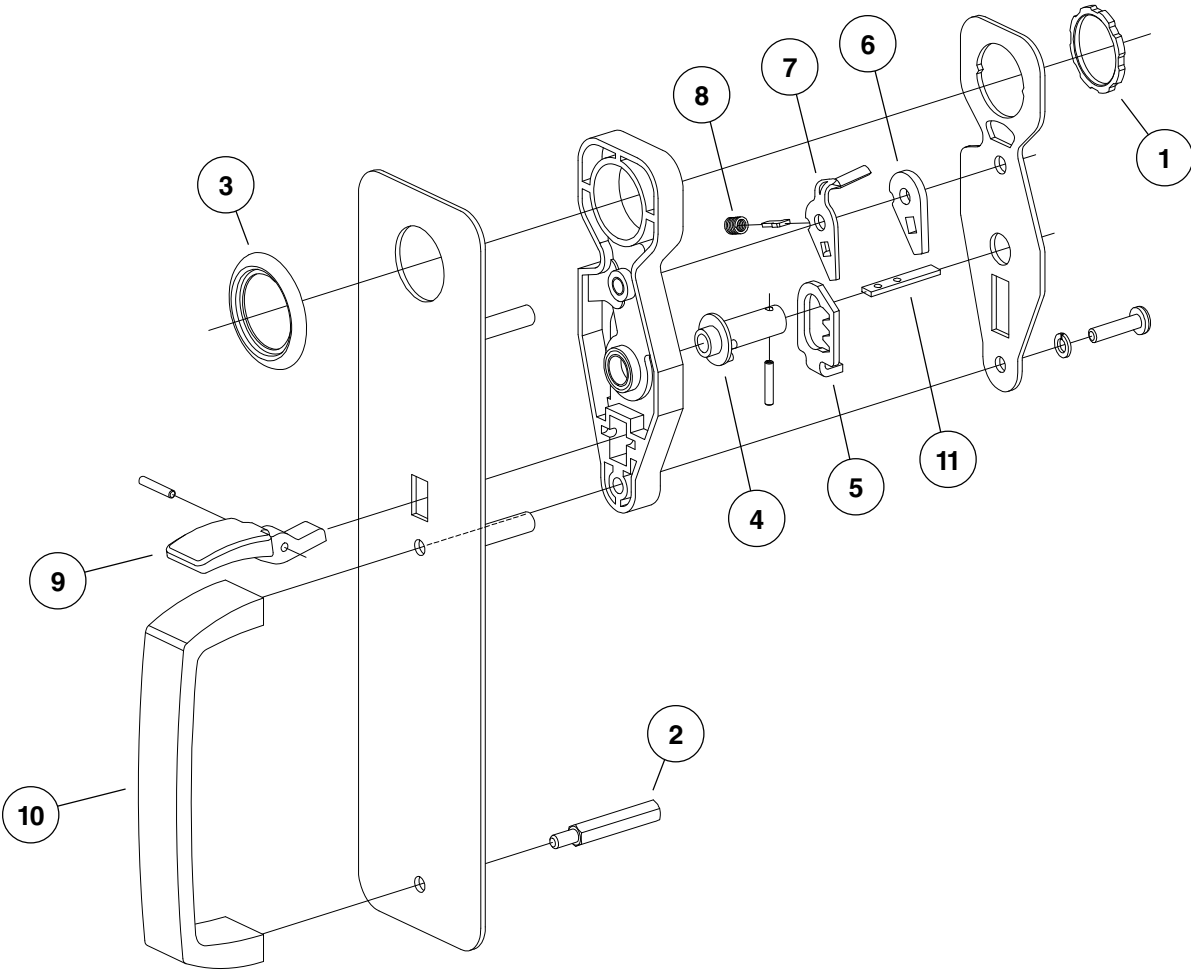
X in "Finish" column designates finished item; specify finish when ordering.



# 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        |        |

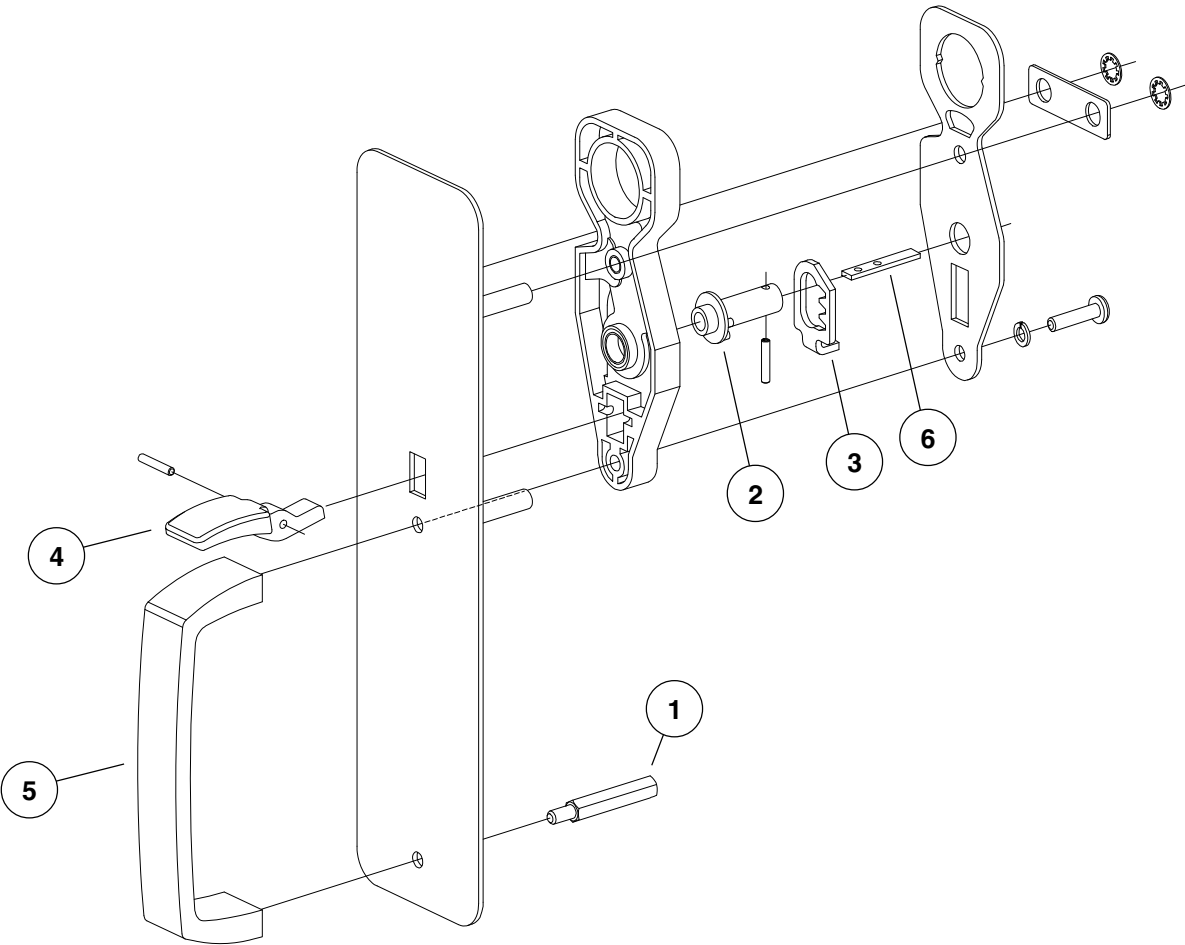
X in "Finish" column designates finished item; specify finish when ordering.



# 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        |        |

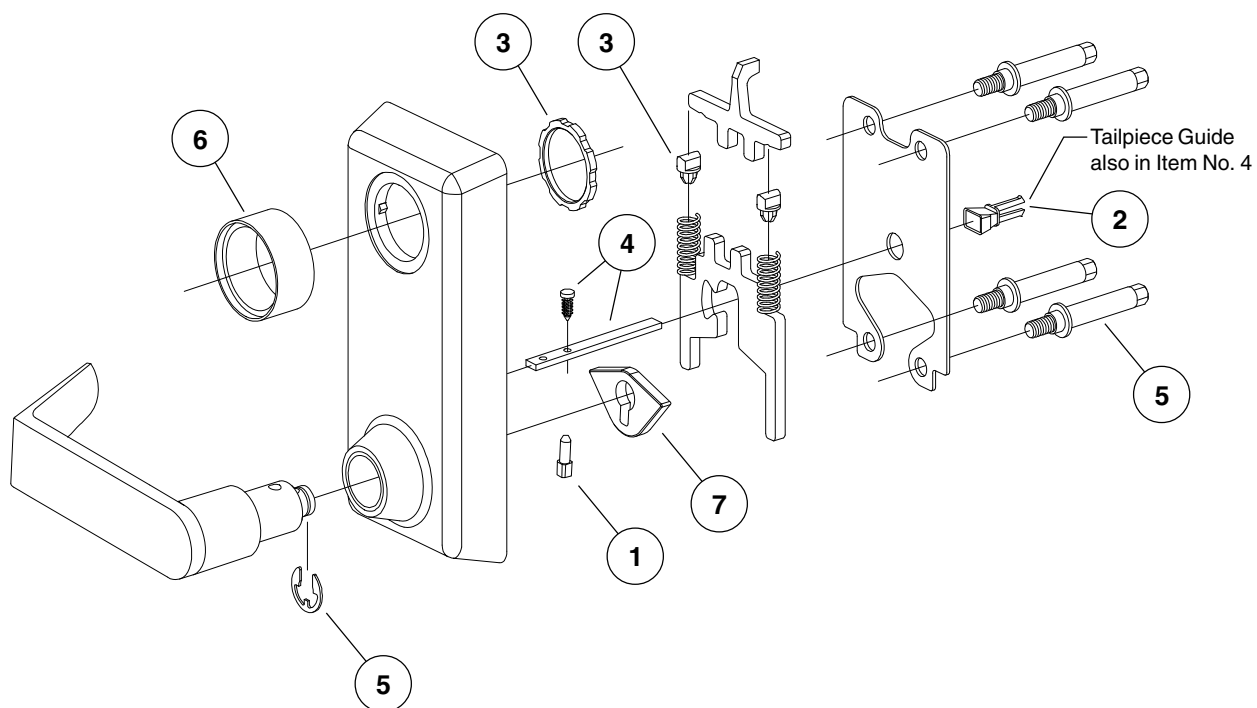
X in "Finish" column designates finished item; specify finish when ordering.



## 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.

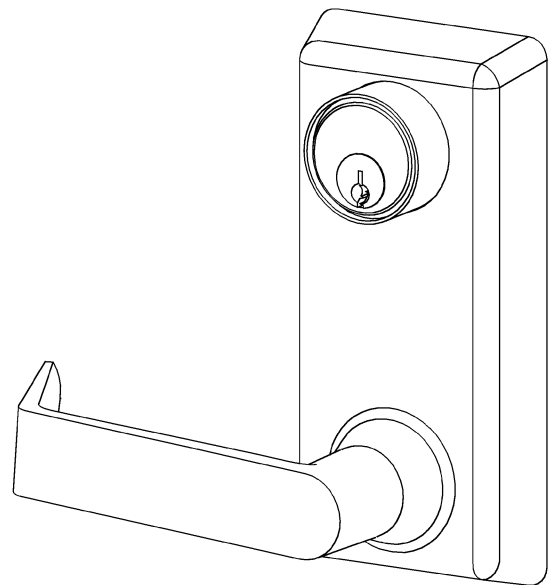
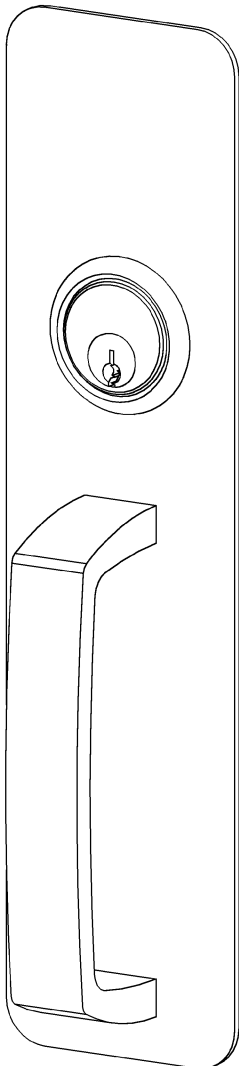
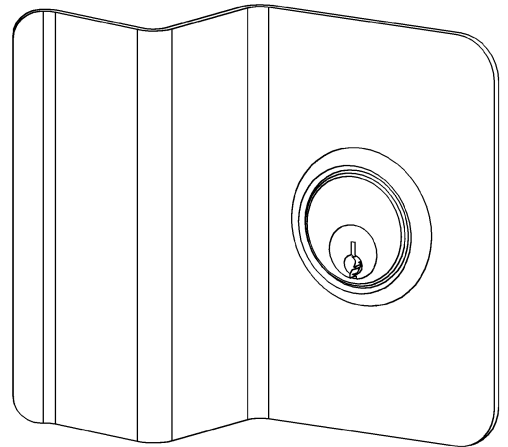
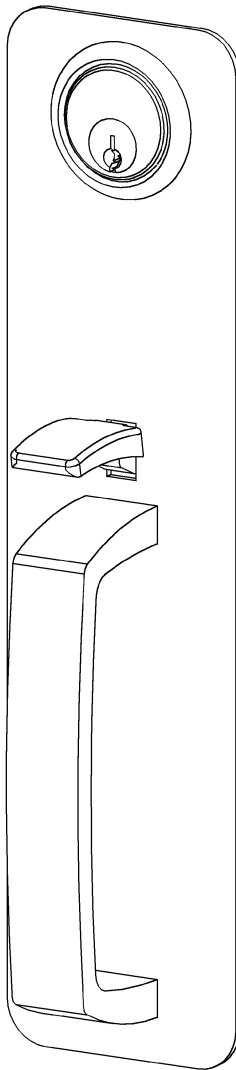
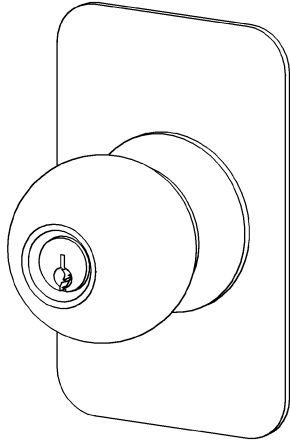


# VON DUPRIN

## 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

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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

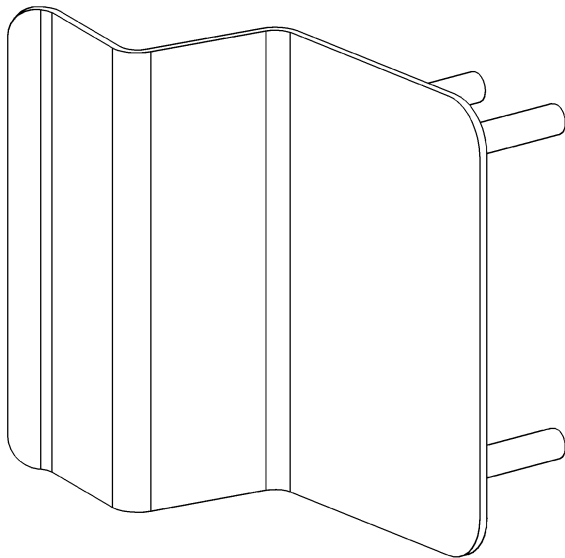
| U.S. Std.<br>Reference | BHMA<br>Reference | Description                 |
|------------------------|-------------------|-----------------------------|
| SP28                   | 689               | Lacquer Sprayed<br>Aluminum |
| SP313                  | 695               | Painted 313 Dark<br>Bronze  |

# 210DT & 210NL TRIM

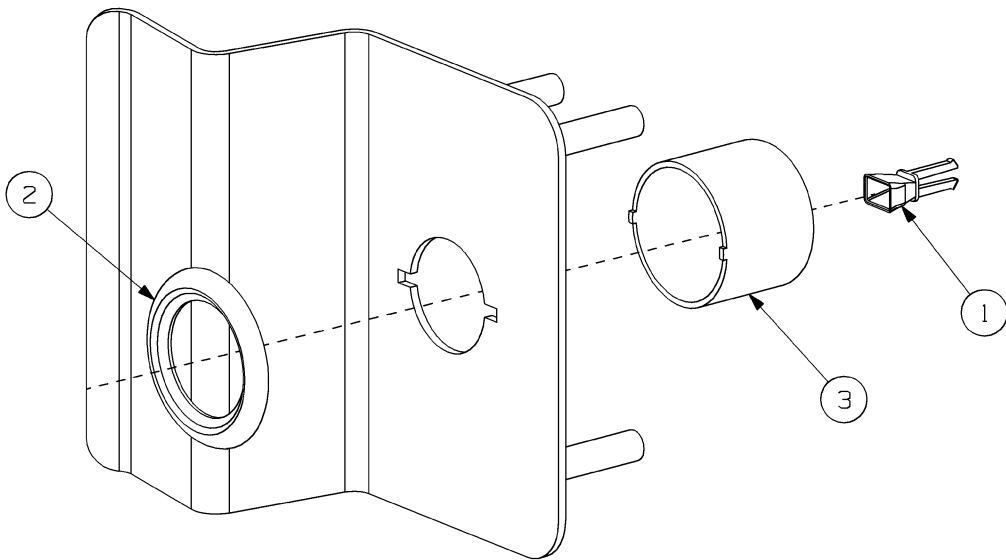
| ITEM NO. | QTY | PART NO. | DESCRIPTION                           | FINISH |
|----------|-----|----------|---------------------------------------|--------|
| 1        | 1   | 050156   | Tailpiece Guide Lead Kit (Pack of 10) |        |
| 2        | 1   | 965226   | Cylinder Collar 880-R/990-R      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

X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING

## 210DT TRIM



## 210NL TRIM

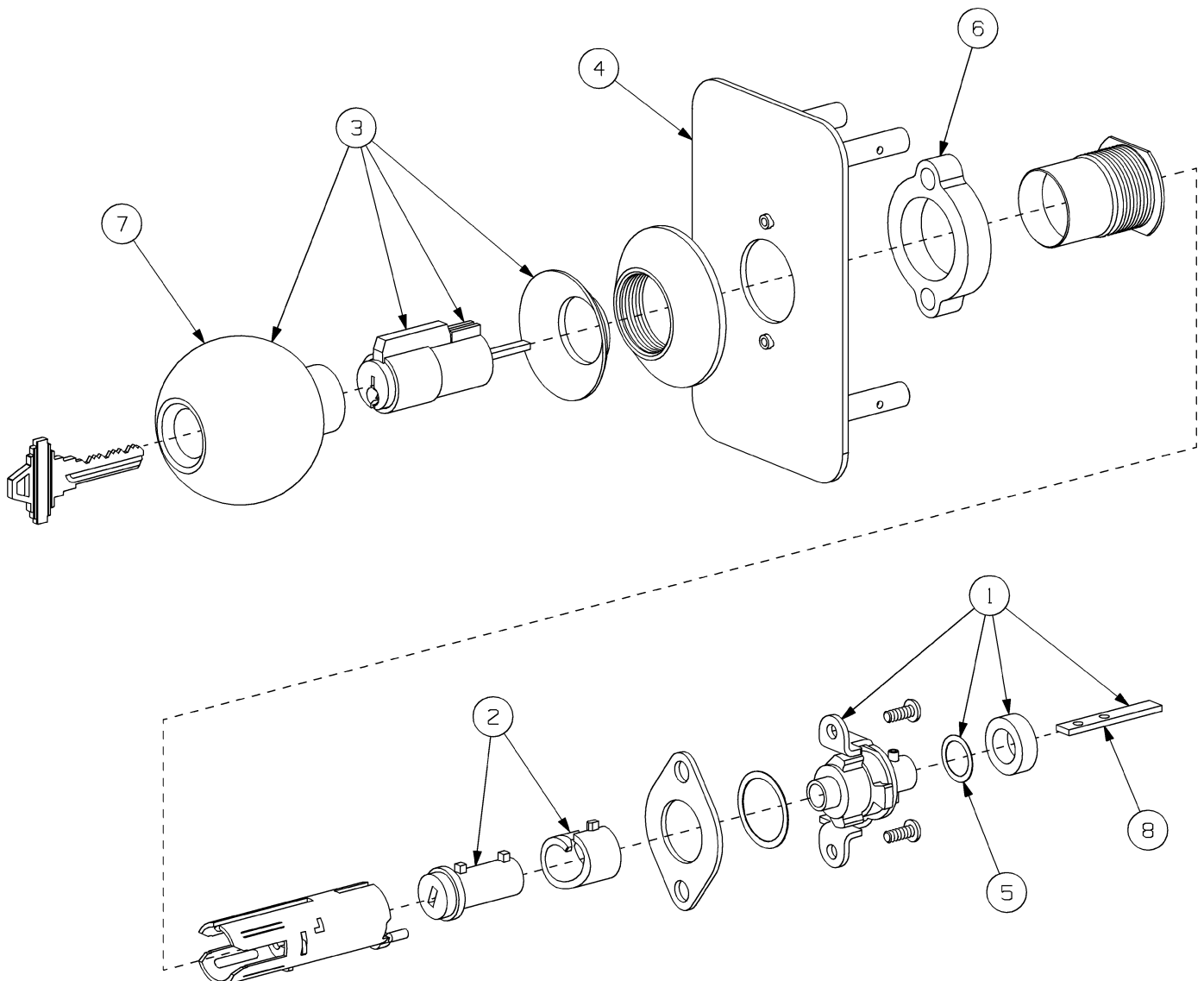


# 210K & 210K-BE TRIM

| 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

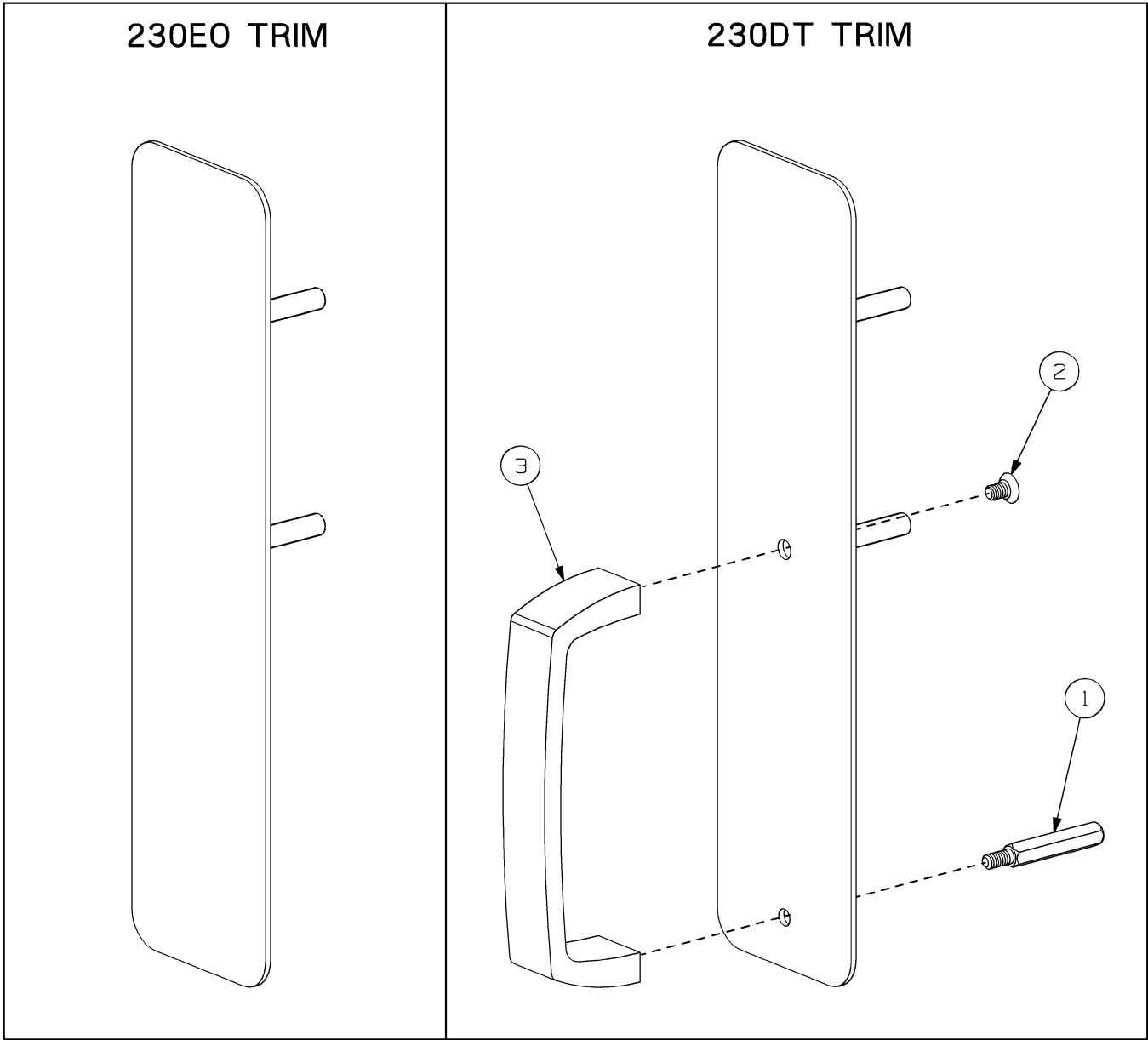
## 210K TRIM SHOWN



# 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      |

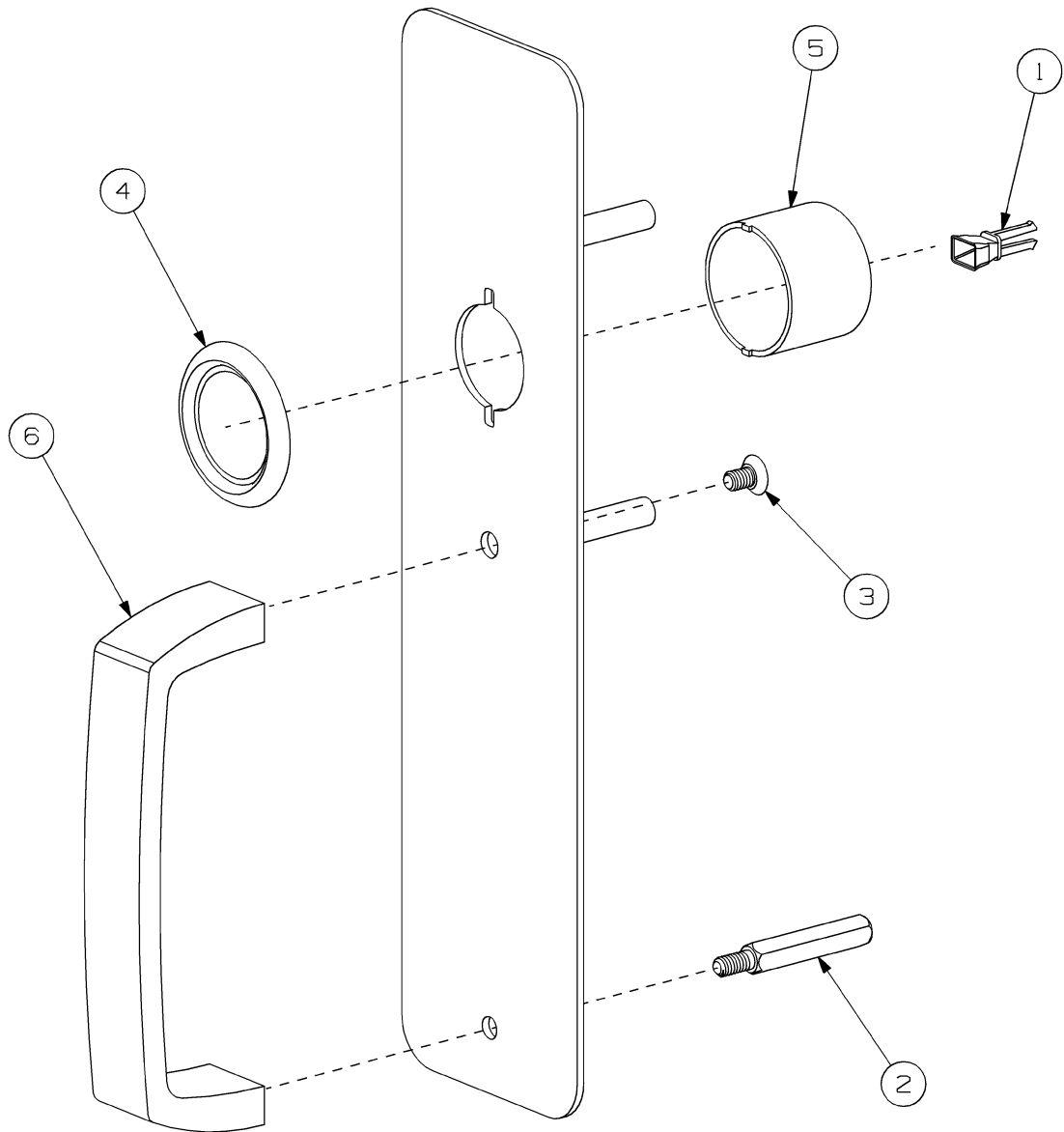
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



# 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      |

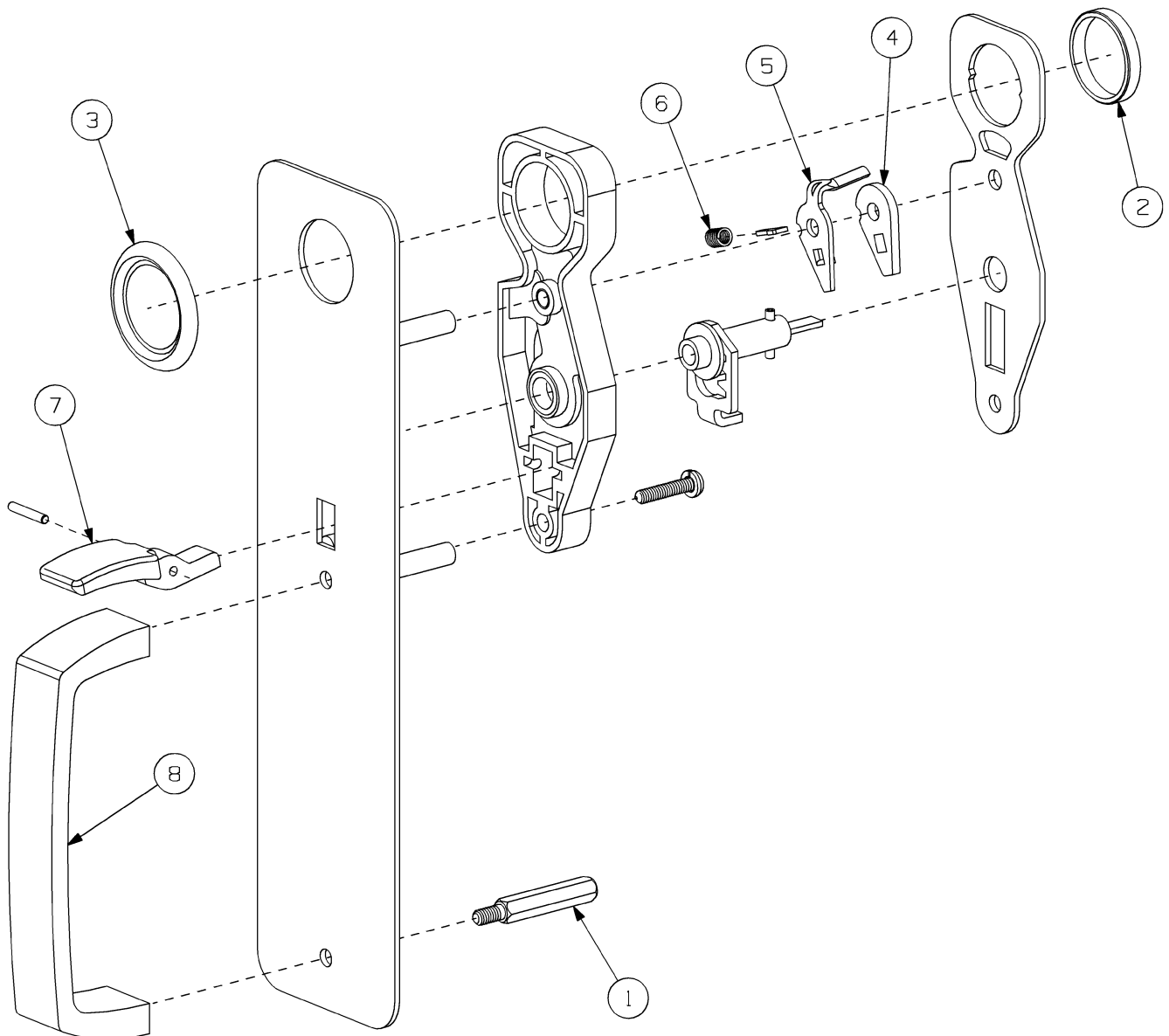
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



# 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      |

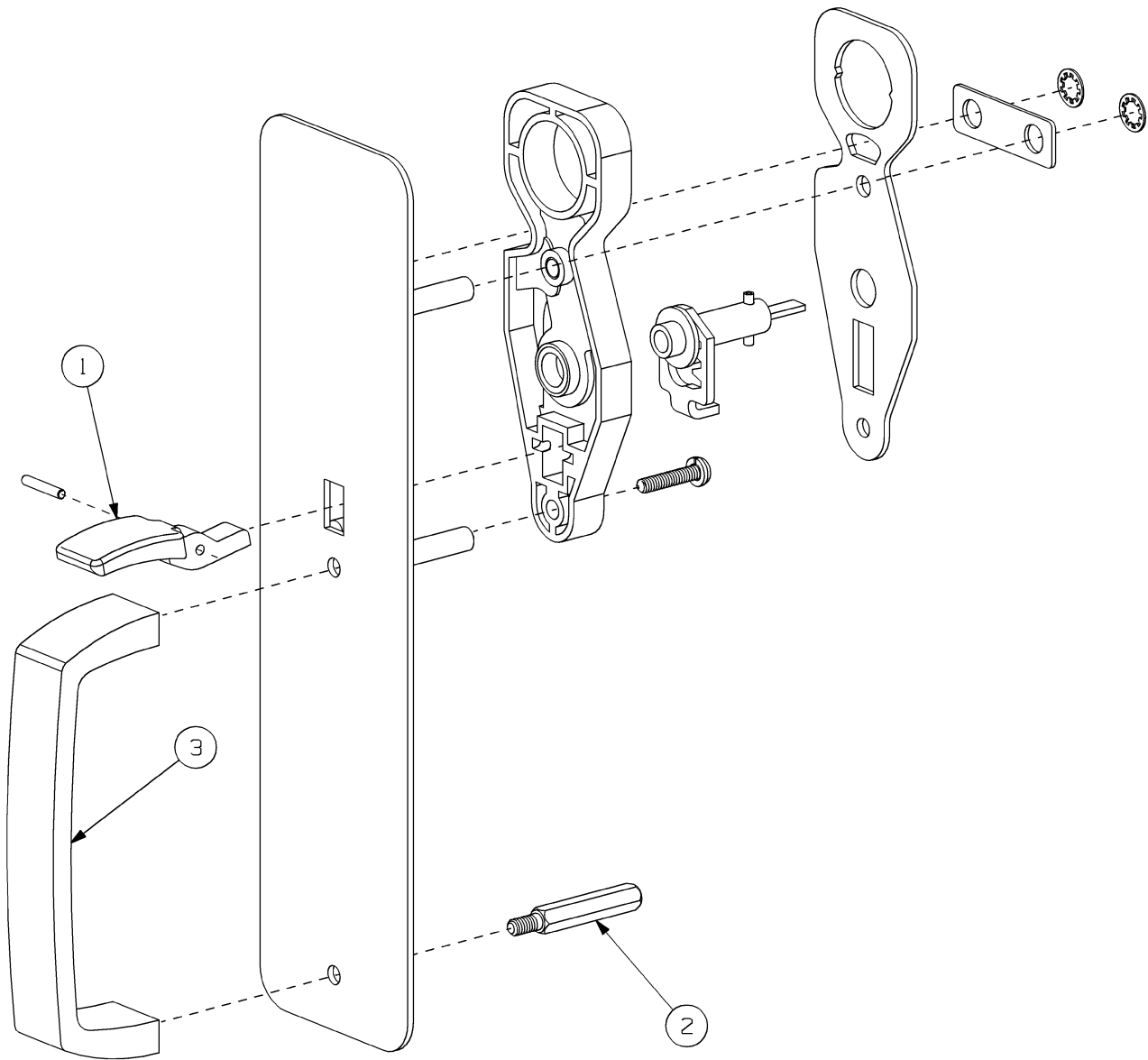
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



# 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      |

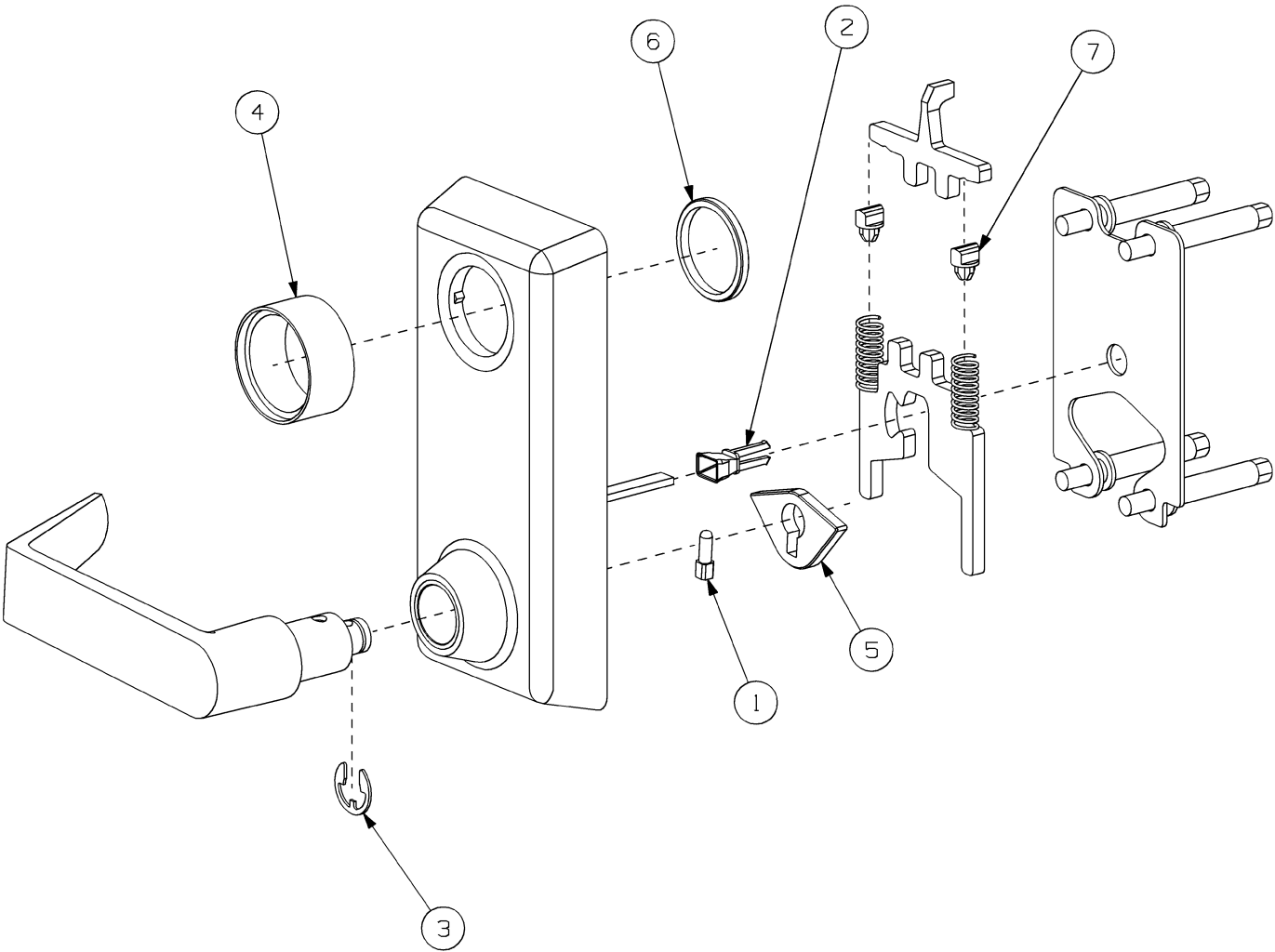
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



# 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                       |        |

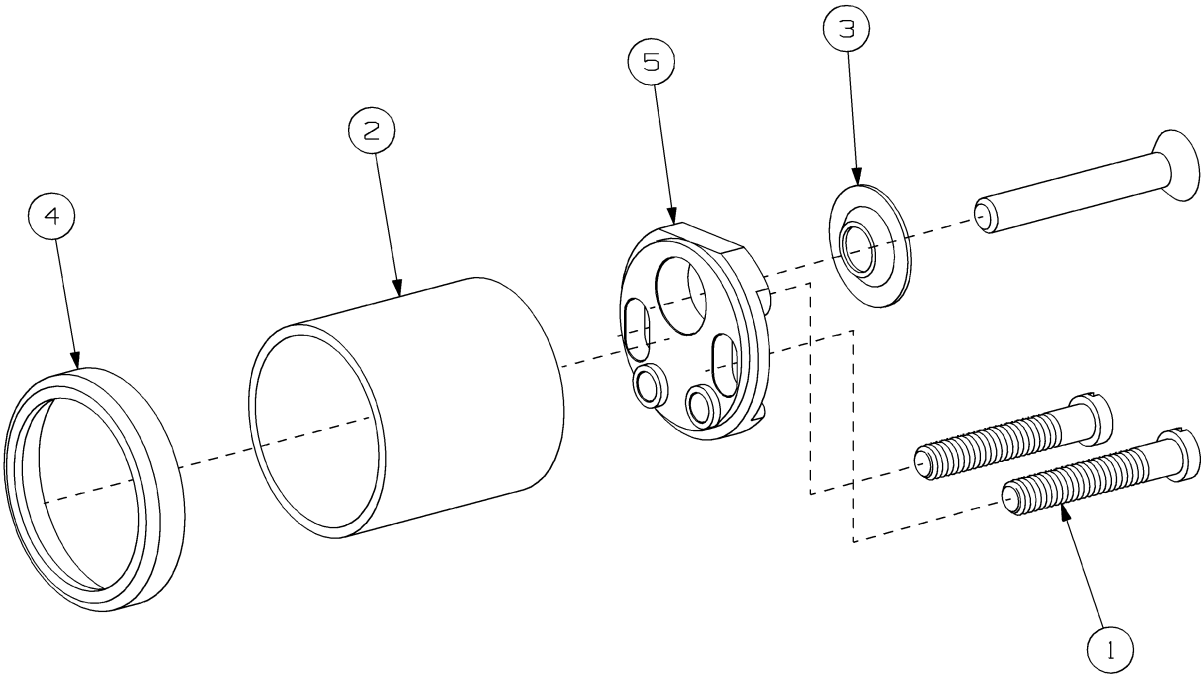
X DESIGNATES FINISHED ITEMS AND FINISH MUST BE SPECIFIED WHEN ORDERING



# 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



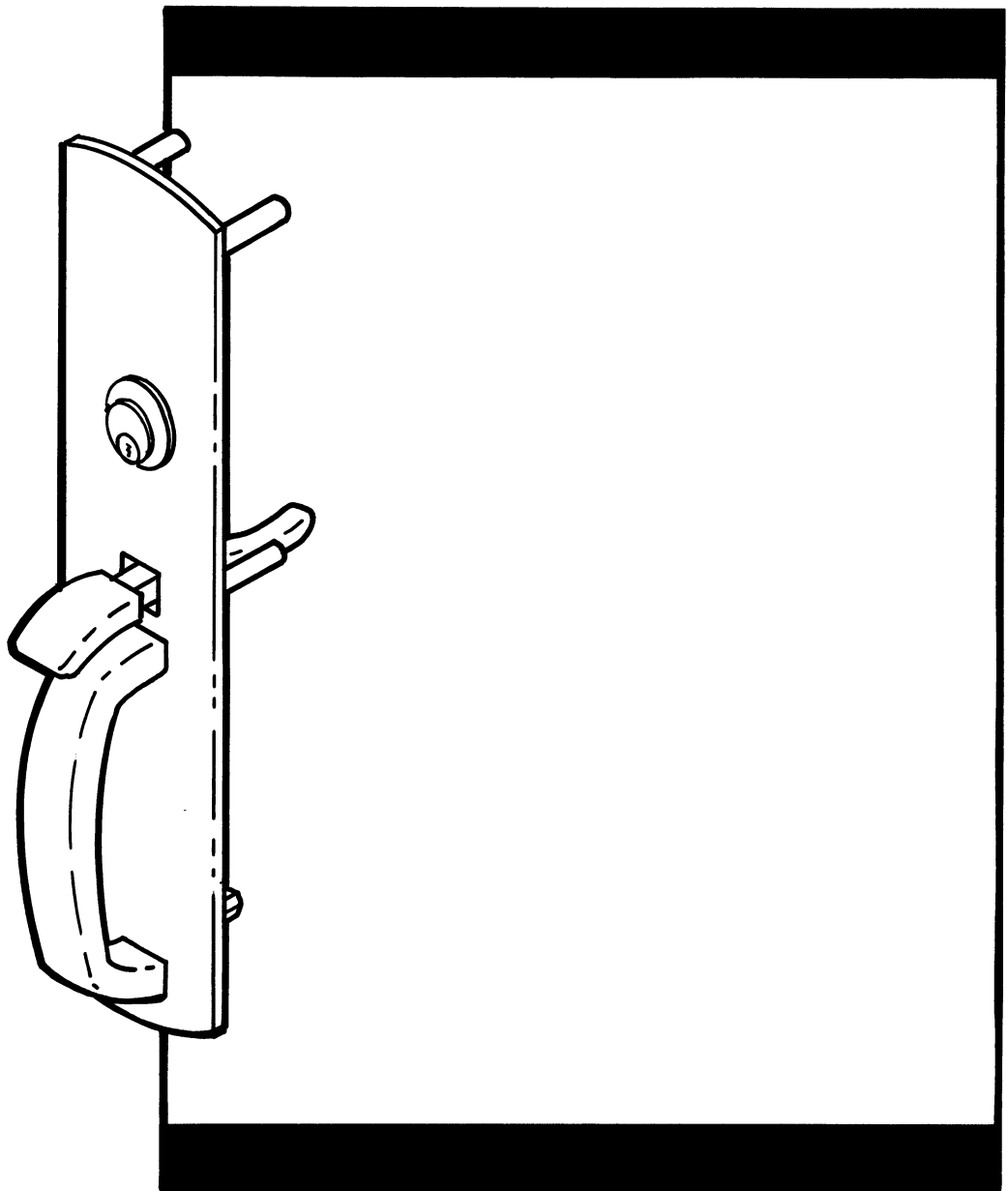




**VON DUPRIN**

# **PARTS MANUAL**

**880 Series Trim**



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## Trim in this Manual:

880 EO Trim  
880 DT Trim  
880 NL Trim  
880 K Trim  
880 K-BE Trim  
880 K-DT Trim  
880 KR Trim  
880 TP Trim  
880 TP-BE Trim

## Trim Functions:

EO—Exit Only  
DT—Dummy Trim  
NL—Night Latch  
K—Knob  
KR—Rigid Knob  
TP—Thumbpiece  
BE—Blank Escutcheon

## Trim Dimensions:

| Trim       | Escutcheon Plate Size                                                   | Projection                      |
|------------|-------------------------------------------------------------------------|---------------------------------|
| 880EO      | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | —                               |
| 880DT      | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2"                              |
| 880NL      | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2"                              |
| 880K       | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2 <sup>3</sup> / <sub>4</sub> " |
| 880K-BE    | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2 <sup>3</sup> / <sub>4</sub> " |
| 880K-DT    | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2 <sup>3</sup> / <sub>4</sub> " |
| 880K-Rigid | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2 <sup>3</sup> / <sub>4</sub> " |
| 880TP      | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2"                              |
| 880TP-BE   | 3" × 14 <sup>3</sup> / <sub>16</sub> " × <sup>3</sup> / <sub>32</sub> " | 2"                              |

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## Introduction

This manual contains product specifications, a complete listing of replaceable parts and assemblies, and general maintenance information for the 880 trim series. For your convenience, the parts lists refer directly to the product illustrations. The assemblies are represented by letters and the component parts are represented by numbers. The parts lists also show the quantity of parts or assemblies required for each device.

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)
- Delivery information

Send orders to:

**Von Duprin**  
2720 Tobey Drive  
P.O. Box 6023  
Indianapolis, IN 46206  
(317) 613-8944

or contact your local Von Duprin distributor or sales representative.

## Trim Finishes:

| U.S. Std. Ref. | BHMA Ref. | V. D. Ref. | Description                     |
|----------------|-----------|------------|---------------------------------|
| US3            | 605       | 03         | Polished Brass—Lacquered        |
| *US10          | 612       | 10         | Dull Bronze—Lacquered           |
| US10A          | —         | 11         | Dull Bronze—No Lacquer          |
| US10B          | 613       | 13         | Dull Bronze—Oxidized-Oil Rubbed |
| US26           | 625       | 25         | Polished Chrome                 |
| *US26D         | 626       | 26         | Dull Chrome                     |
| US32           | 629       | 31         | Polished Stainless Steel        |
| US32D          | 630       | 32         | Satin Stainless Steel           |

\*Denotes Standard Finishes

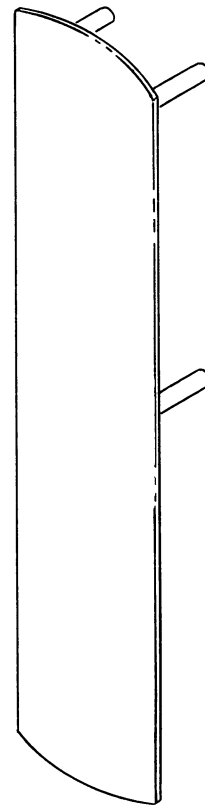
## Mounting Screw Packages:

| Mtg. Pkg. No. | Part No. | Qty. | Description                                              |
|---------------|----------|------|----------------------------------------------------------|
| 900533-10     | 963000   | 4    | #10-24 × 1 <sup>1</sup> / <sub>2</sub> " OPHMS—Bronze    |
| 900533-32     | 963002   | 4    | #10-24 × 1 <sup>1</sup> / <sub>2</sub> " OPHMS—St. Steel |
| 900766-10     | 963136   | 4    | #10-24 × 2" OPHMS—Bronze                                 |
| 900766-32     | 963137   | 4    | #10-24 × 2" OPHMS—St. Steel                              |
| 900771-10     | 963056   | 1    | #12 C' Sink Washer—Bronze                                |
|               | 963116   | 1    | #12-24 × 1" OPHMS—Bronze                                 |
| 900771-32     | 963057   | 1    | #12 C' Sink Washer—St. Steel                             |
|               | 963117   | 1    | #12-24 × 1" OPHMS—St. Steel                              |
| 900752-10     | 963056   | 1    | #12 C' Sink Washer—Bronze                                |
|               | 963016   | 1    | #12-24 × 1 <sup>1</sup> / <sub>2</sub> " OPHMS—Bronze    |
| 900752-32     | 963057   | 1    | #12 C' Sink Washer—St. Steel                             |
|               | 963020   | 1    | #12-24 × 1 <sup>1</sup> / <sub>2</sub> " OPHMS—St. Steel |

## Parts List–880 EO Trim

| Item | Qty. | Part No. | Description                                     |   |
|------|------|----------|-------------------------------------------------|---|
|      | 1    | 041106   | 880 EO Trim Assembly–Rim                        | X |
|      | 1    | 041205   | 880 EO Trim Assembly–Vertical & Mortise         | X |
|      |      |          |                                                 |   |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim–1¾" Door | X |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim–2¼" Door | X |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud–1¾" Door   | X |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud–2¼" Door   | X |
|      |      |          |                                                 |   |

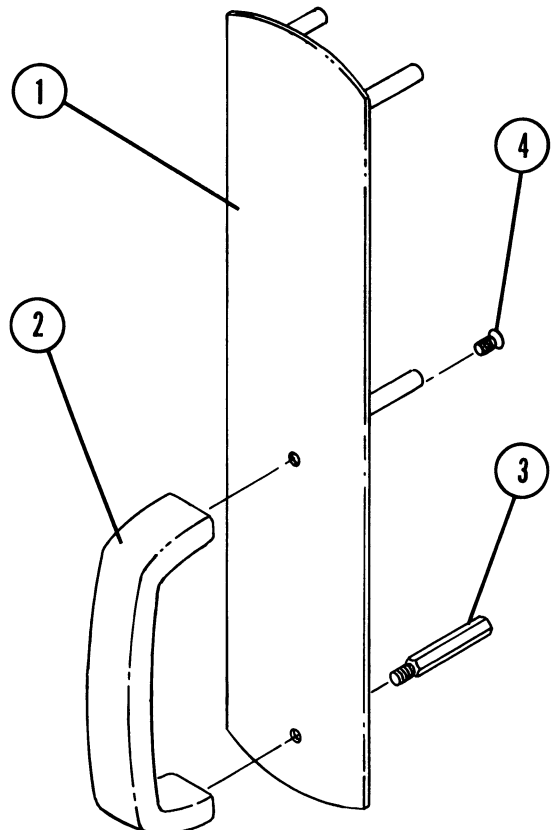
*\*See Page 2 for Mtg. Screw Pkg. Parts List*  
*X Designates items that are finished*



## Parts List–880 DT Trim

| Item | Qty. | Part No. | Description                                     |   |
|------|------|----------|-------------------------------------------------|---|
|      | 1    | 041103   | Trim Assembly–Rim                               | X |
|      | 1    | 041203   | Trim Assembly–Vertical & Mortise                | X |
| 1    | 1    | 103439   | Trim Plate–Rim–Bronze                           | X |
| 1    | 1    | 103441   | Trim Plate–Rim–Stainless Steel                  | X |
| 1    | 1    | 103481   | Trim Plate–Vertical & Mortise–Bronze            | X |
| 2    | 1    | 959122   | Pull Grip–Bronze                                | X |
| 3    | 1    | 956760   | Hex Stud                                        |   |
| 4    | 1    | 963579   | #12-24 × ¾" FPHMS Undercut                      |   |
|      |      |          |                                                 |   |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim–1¾" Door | X |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim–2¼" Door | X |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud–1¾" Door   | X |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud–2¼" Door   | X |
|      |      |          |                                                 |   |

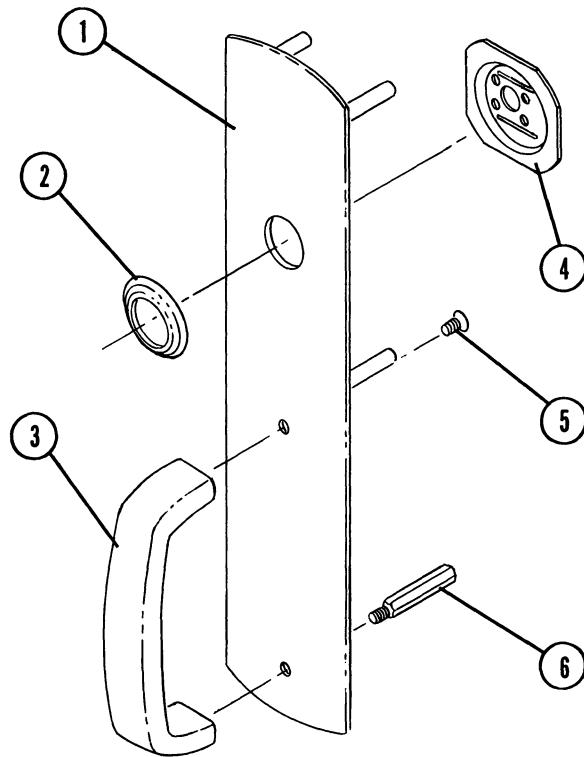
*\*See Page 2 for Mtg. Screw Pkg. Parts List*  
*X Designates items that are finished*



## Parts List–880 NL Trim

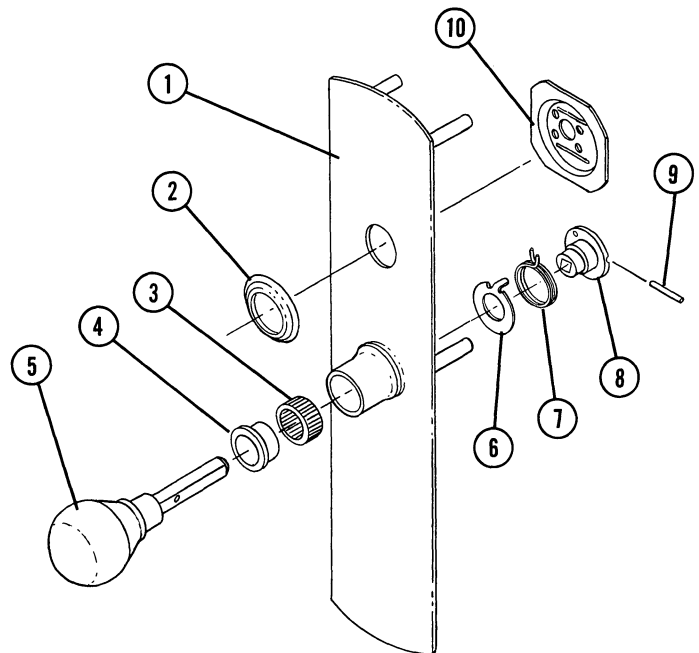
| Item | Qty. | Part No. | Description                                        |   |
|------|------|----------|----------------------------------------------------|---|
|      | 1    | 041102   | Trim Assembly–Rim                                  | X |
|      | 1    | 041202   | Trim Assembly–Mortise                              | X |
| 1    | 1    | 103506   | Trim Plate–Rim–Bronze                              | X |
| 1    | 1    | 103508   | Trim Plate–Rim–Stainless Steel                     | X |
| 1    | 1    | 103509   | Trim Plate–Mortise–Bronze                          | X |
| 2    | 1    | 965226   | Cylinder Collar–Rim                                | X |
| 2    | 1    | 961267   | Cylinder Collar–Mortise                            | X |
| 3    | 1    | 959122   | Pull Grip–Bronze                                   | X |
| 4    | 1    | 959489   | Cylinder Anchor Plate–Rim Only                     |   |
| 5    | 1    | 963579   | #12-24 × 3/8" FPHMS–Undercut                       |   |
| 6    | 1    | 956760   | Hex Stud                                           |   |
|      |      |          |                                                    |   |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim–1 3/4" Door | X |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim–2 1/4" Door | X |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud–1 3/4" Door   | X |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud–2 1/4" Door   | X |
|      |      |          |                                                    |   |

**\*See Page 2 for Mtg. Screw Pkg. Parts List**  
**X Designates items that are finished**



## Parts List–880 K Trim

| Item | Qty. | Part No. | Description                                                   |   |
|------|------|----------|---------------------------------------------------------------|---|
|      | 1    | 041144   | 880 K Trim Assembly–Rim–Orbit Knob                            | X |
|      | 1    | 041244   | 880 K Trim Assembly–Mortise–Orbit Knob                        | X |
|      | 1    | 041342   | 880 K Trim Assembly–Vertical–Orbit Knob                       | X |
| 1    | 1    | 110550   | Trim Plate Assembly–Rim–Bronze                                | X |
| 1    | 1    | 110551   | Trim Plate Assembly–Rim–Stainless Steel                       | X |
| 1    | 1    | 110558   | Trim Plate Assembly–Mortise–Bronze                            | X |
| 1    | 1    | 110559   | Trim Plate Assembly–Vertical–Bronze                           | X |
| 2    | 1    | 965226   | Cylinder Collar–Rim                                           | X |
| 2    | 1    | 961267   | Cylinder Collar–Vertical & Mortise                            | X |
| 3    | 1    | 964186   | Tolerance Ring                                                |   |
| 4    | 1    | 961989   | Flange Bearing P.M.                                           |   |
| 5    | 1    | 110554   | Orbit Knob Assembly                                           | X |
| 6    | 1    | 970139   | Booster Spacer                                                |   |
| 7    | 1    | 970138   | Torsion Spring                                                |   |
| 8    | 1    | 970137   | Booster Body                                                  |   |
| 9    | 1    | 963196   | Roll Pin– $\frac{3}{32}$ " $\times$ $\frac{7}{8}$ " Lg.       |   |
| 10   | 1    | 959489   | Cylinder Anchor Plate                                         |   |
|      |      |          |                                                               |   |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim– $1\frac{3}{4}$ " Door | X |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim– $2\frac{1}{4}$ " Door | X |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud– $1\frac{3}{4}$ " Door   |   |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud– $2\frac{1}{4}$ " Door   |   |
|      |      |          |                                                               |   |



## Parts List–880 K-BE Trim

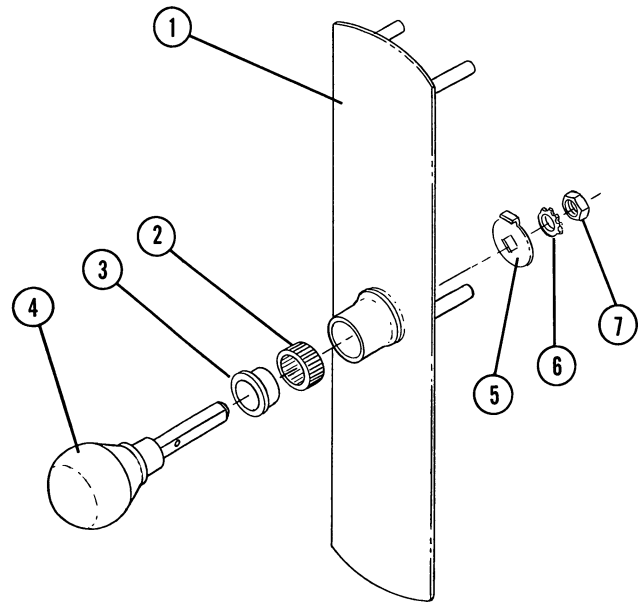
| Item | Qty. | Part No. | Description                                                   |   |
|------|------|----------|---------------------------------------------------------------|---|
|      | 1    | 041184   | 880 K-BE Trim Assembly–Rim–Orbit Knob                         | X |
|      | 1    | 041284   | 880 K-BE Trim Assy.–Mortise–Orbit Knob                        | X |
|      | 1    | 041382   | 880 K-BE Trim Assy.–Vertical–Orbit Knob                       | X |
| 1    | 1    | 110556   | Trim Plate Assembly–Rim–Bronze–Orbit                          | X |
| 1    | 1    | 110557   | Trim Plate Assy.–Rim–Stainless Steel–Orbit                    | X |
| 1    | 1    | 111528   | Trim Plate Assy.–Mortise–Bronze–Orbit                         | X |
| 1    | 1    | 111529   | Trim Plate Assy.–Vertical–Bronze–Orbit                        | X |
| 3    | 1    | 964186   | Tolerance Ring                                                |   |
| 4    | 1    | 961989   | Flange Bearing P.M.                                           |   |
| 5    | 1    | 110554   | Orbit Knob Assembly                                           | X |
| 6    | 1    | 970139   | Booster Spacer                                                |   |
| 7    | 1    | 970138   | Torsion Spring                                                |   |
| 8    | 1    | 970137   | Booster Body                                                  |   |
| 9    | 1    | 963196   | Roll Pin– $\frac{3}{32}$ " $\times$ $\frac{7}{8}$ " Lg.       |   |
|      |      |          |                                                               |   |
|      |      |          |                                                               |   |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim– $1\frac{3}{4}$ " Door | X |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim– $2\frac{1}{4}$ " Door | X |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud– $1\frac{3}{4}$ " Door   | X |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud– $2\frac{1}{4}$ " Door   | X |
|      |      |          |                                                               |   |

\*See Page 2 for Mtg. Screw Pkg. Parts List  
X Designates items that are finished

## Parts List–880 K-DT Trim

| Item | Qty. | Part No. | Description                               |
|------|------|----------|-------------------------------------------|
|      | 1    | 041147   | 880 K-DT Trim Assembly–Rim–Orbit Knob     |
|      | 1    | 041247   | 880 K-DT Trim Assy.–Mortise–Orbit Knob    |
|      | 1    | 041343   | 880 K-DT Trim Assy.–Vertical–Orbit Knob   |
| 1    | 1    | 110554   | Trim Plate Assy.–Rim–Bronze–Orbit Knob    |
| 1    | 1    | 110555   | Trim Plate Assy.–Rim–St. Stl.–Orbit Knob  |
| 1    | 1    | 110560   | Trim Plate Assy.–Mortise–Brz.–Orbit Knob  |
| 1    | 1    | 108510   | Trim Plate Assy.–Vertical–Brz.–Orbit Knob |
| 2    | 1    | 964186   | Tolerance Ring                            |
| 3    | 1    | 961989   | Flange Bearing P.M.                       |
| 4    | 1    | 110547   | Orbit Knob Assembly                       |
| 5    | 1    | 965568   | Spindle Lock                              |
| 6    | 1    | 963703   | 3/8" Ext. Tooth Lockwasher                |
| 7    | 1    | 963704   | 3/8"-16 Hex Jam Nut                       |

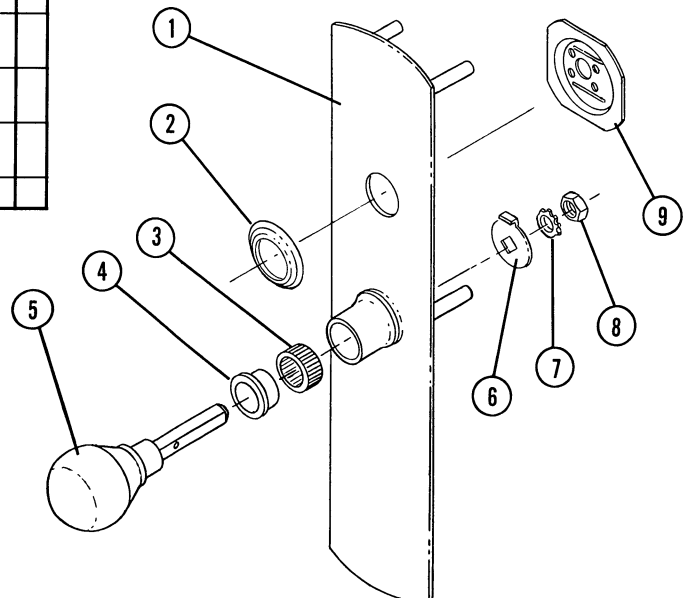
*\*See Page 2 for Mtg. Screw Pkg. Parts List*  
*X Designates items that are finished*



## Parts List–880 K-Rigid–Rim Trim

| Item | Qty. | Part No. | Description                                        |   |
|------|------|----------|----------------------------------------------------|---|
|      | 1    | 041145   | 880 K-R Trim Assembly–Orbit Knob                   | X |
| 1    | 1    | 110552   | Trim Plate Assy.–Bronze–Orbit Knob                 | X |
| 1    | 1    | 110553   | Trim Plate Assy.–Stainless Steel–Orbit Knob        | X |
| 2    | 1    | 965226   | Cylinder Collar                                    |   |
| 3    | 1    | 964186   | Tolerance Ring                                     |   |
| 4    | 1    | 961989   | Flange Bearing P.M.                                |   |
| 5    | 1    | 110547   | Orbit Knob Assembly                                |   |
| 6    | 1    | 965568   | Spindle Lock                                       |   |
| 7    | 1    | 963703   | 3/8" Ext. Tooth Lockwasher                         |   |
| 8    | 1    | 963704   | 3/8"-16 Hex Jam Nut                                |   |
| 9    | 1    | 959489   | Cylinder Anchor                                    |   |
|      |      |          |                                                    |   |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim–1 3/4" Door |   |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim–2 1/4" Door |   |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud–1 3/4" Door   |   |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud–2 1/4" Door   |   |

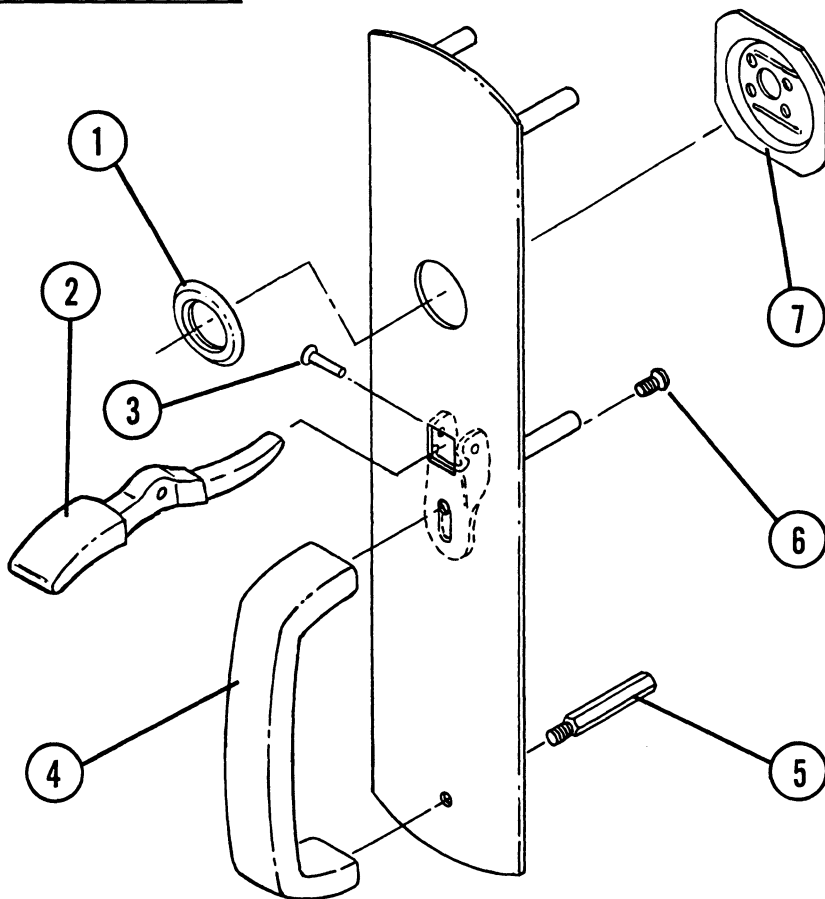
*\*See Page 2 for Mtg. Screw Pkg. Parts List*  
*X Designates items that are finished*



## Parts List–880 TP & TP-BE Trim

| Item | Qty. | Part No. | Description                                     |
|------|------|----------|-------------------------------------------------|
|      | 1    | 041101   | TP Trim Assembly–Rim                            |
|      | 1    | 041201   | TP Trim Assembly–Mortise                        |
|      | 1    | 041301   | TP Trim Assembly–Vertical                       |
|      | 1    | 041141   | TP Trim Assembly–Rim                            |
|      | 1    | 041341   | TP Trim Assembly–Vertical & Mortise             |
| 1    | 1    | 965226   | Cylinder Collar–Rim–(TP Only)                   |
| 2    | 1    | 970488   | Thumbpiece–Rim & Vertical–Bronze                |
| 2    | 1    | 959575   | Thumbpiece–Mortise                              |
| 3    | 1    | 959603   | Thumbpiece Axle                                 |
| 4    | 1    | 959122   | Pull Grip–Bronze                                |
| 5    | 1    | 956760   | Hex Stud                                        |
| 6    | 1    | 965237   | Thumbpiece Bracket Screw                        |
| 7    | 1    | 959489   | Cylinder Anchor Plate–Rim (TP Only)             |
|      |      |          |                                                 |
| *    | 2    | 900533   | Trim Mtg. Pkg.–To Mount Device to Trim–1¾" Door |
| *    | 2    | 900766   | Trim Mtg. Pkg.–To Mount Device to Trim–2¼" Door |
| *    | 1    | 900771   | Mtg. Screw Pkg.–To Mount Bottom Stud–1¾" Door   |
| *    | 1    | 900752   | Mtg. Screw Pkg.–To Mount Bottom Stud–2¼" Door   |

**\*See Page 2 for Mtg. Screw Pkg. Parts List**  
**X Designates items that are finished**



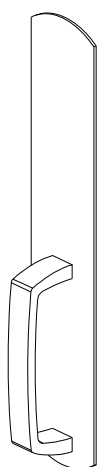
**Von Duprin, Inc.**  
2720 Tobey Drive  
Indianapolis, IN 46219  
(317) 613-8944

# VON DUPRIN®

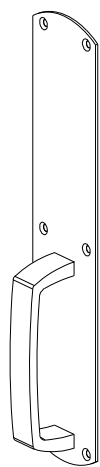
## PARTS MANUAL

JULY 2009

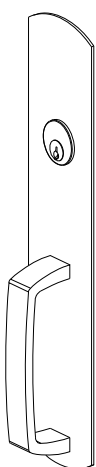
### 880, 606, 608, AND 609 SERIES TRIM



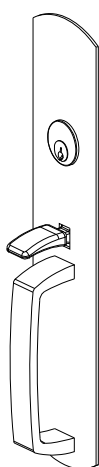
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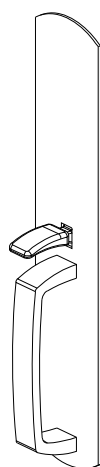
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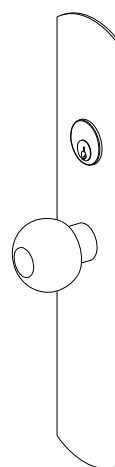
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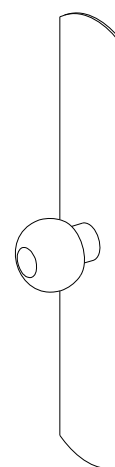
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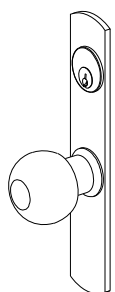
880TP-BE



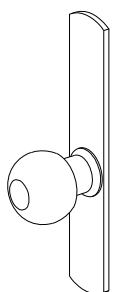
880K  
880K-RIGID



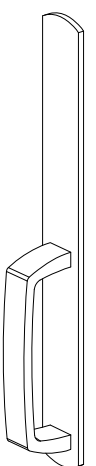
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880K-DT



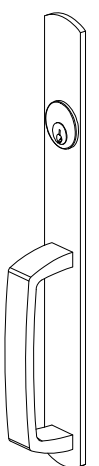
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606K-RIGID



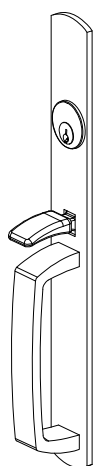
606K-BE  
606K-DT



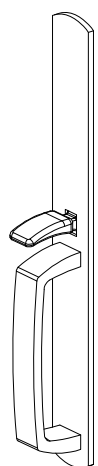
608DT



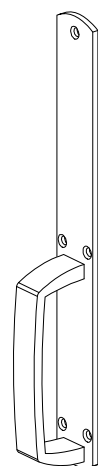
608NL



608TP



608TP-BE



609DT-SA

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# INTRODUCTION

This manual contains a listing of replaceable parts and assemblies for the 880 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.

## FINISHES

| US Number | BHMA Number | Color                              |
|-----------|-------------|------------------------------------|
| US3       | 605         | Brass, polished (laquered)         |
| US10      | 612         | Bronze, dull (laquered)            |
| US10A     | —           | Bronze, dull (no laquer)           |
| US10B     | 613         | Brass, dull (oxidized, oil rubbed) |
| US26      | 625         | Chrome, polished                   |
| US26D     | 626         | Chrome, dull                       |
| US32      | 629         | Stainless steel, polished          |
| US32D     | 630         | Stainless steel, satin             |

## SCREW PACKAGES

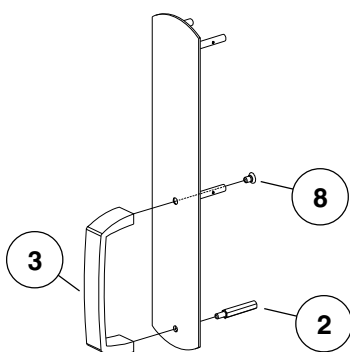
| Part No. | Description                | Quantity | Finish |
|----------|----------------------------|----------|--------|
| 900531   | 880 Screw Pkg. 2-1/4" Door |          | X      |
|          | 10-24 x 2-1/2" OPHMS       | 8        |        |
| 900533   | 880 Screw Pkg. 1-3/4" Door |          | X      |
|          | 10-24 x 1-1/2" OPHMS       | 8        |        |
| 900542   | 880 V Screw Pkg.           |          |        |
|          | 10-24 x 3/4" PPHMS         | 8        |        |
| 900771   | 880 Bottom Screw Pkg.      |          | X      |
|          | #12 Countersink Washer     | 1        |        |
|          | 12-24 x 1" OPHMS           | 1        |        |
| 900783   | 880DT-V SA Screw Pkg.      |          | X      |
|          | 10-24 x 1/2" OPHMS         | 6        |        |
| 900772   | 606DT/NL/TP Screw Pkg.     |          | X      |
|          | #12 Countersink Washer     | 1        |        |
|          | 12-24 x 1-5/8" OPHMS       | 1        |        |
| 900782   | 606K/K-DT Screw Pkg.       |          | X      |
|          | #12 Countersink Washer     | 1        |        |
|          | 12-24 x 1-1/2" FPHMS       | 2        |        |
|          | 12-24 x 1-5/8" OPHMS       | 1        |        |
| 900776   | 608 Screw Pkg.             |          | X      |
|          | #12 Countersink Washer     | 2        |        |
|          | 12-24 x 1-1/2" FPHMS       | 2        |        |
|          | 12-24 x 1-5/8" OPHMS       | 2        |        |

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

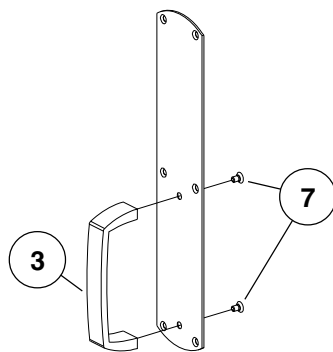
## 880DT, 880DT-SA, 880NL, 880TP, 880TP-BE PARTS

| Item No. | Part No. | Description                        | Quantity | Finish |
|----------|----------|------------------------------------|----------|--------|
| 1        | 032114   | 216D Cylinder Anchor Plate         | 1        |        |
| 2        | 956760   | 880 Series Hex Stud                | 1        |        |
| 3        | 972466   | 880 Pull Grip (US26D)              | 1        | X      |
| 3        | 972467   | 880 Pull Grip (all other finishes) | 1        | X      |
| 4        | 959575   | 880-M/V Thumbpiece                 | 1        | X      |
| 4        | 970488   | 608/880TP-R Thumbpiece             | 1        | X      |
| 5        | 959603   | 880 Thumbpiece Axle                | 1        |        |
| 6        | 961267   | 880-M Cylinder Collar              | 1        | X      |
| 6        | 965226   | 880-R Cylinder Collar              | 1        | X      |
| 7        | 963011   | 880DT-V-SA 12-24 x 1/2" UFPHMS     | 1        |        |
| 8        | 963579   | 880NL/DT 12-24 x 3/8" UFPHMS       | 1        |        |
| 9        | 965237   | 880TP Bracket Screw                | 1        |        |
| 10       | 969353   | 880TP Thumbpiece Bracket           | 1        |        |

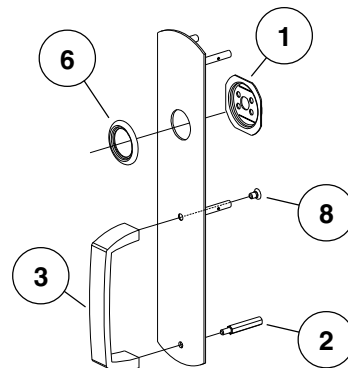
X in "Finish" column designates finished item; specify finish when ordering.



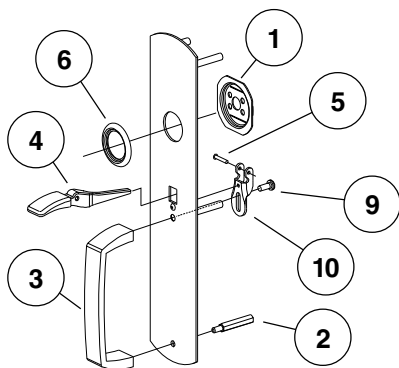
**880DT**



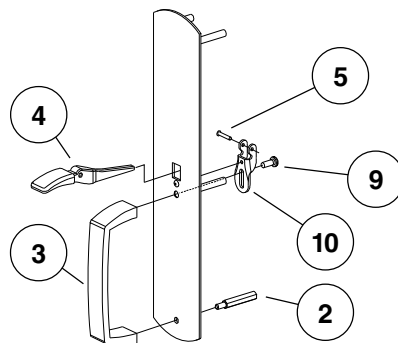
**880DT-SA**



**880NL**



**880TP**

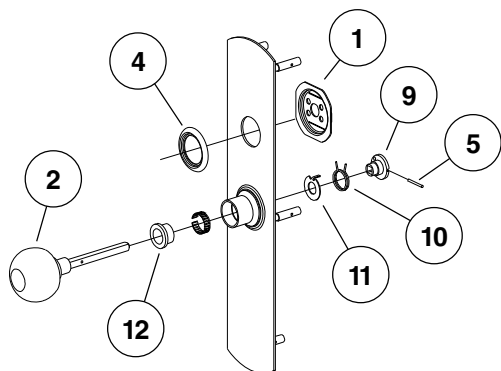


**880TP-BE**

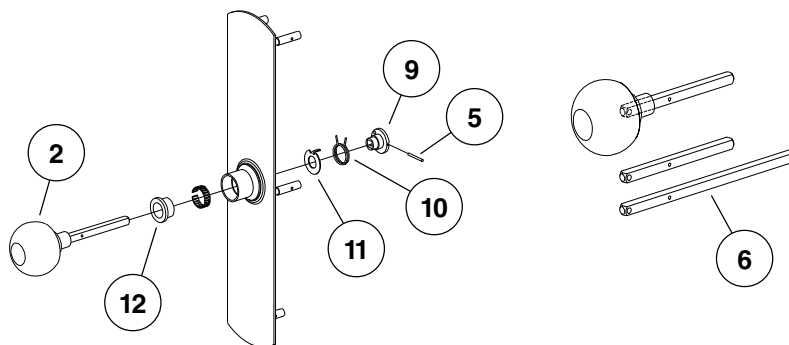
## 880K, 880K-BE, 880K-DT, 880K-RIGID PARTS

| Item No. | Part No. | Description                       | Quantity | Finish |
|----------|----------|-----------------------------------|----------|--------|
| 1        | 032114   | 216D Cylinder Anchor Plate        | 1        |        |
| 2        | 110544   | 880K Orbit Knob Assembly          | 1        | X      |
| 3        | 110547   | 880K Orbit Knob Assembly (DT)     | 1        | X      |
| 4        | 961267   | 880-M Cylinder Collar             | 1        | X      |
| 4        | 965226   | 880-R Cylinder Collar             | 1        | X      |
| 5        | 963196   | 606K/880K Roll Pin (3/32" x 7/8") | 1        |        |
| 6        | 963703   | 606K/880K 3/8" Lockwasher         | 1        |        |
| 7        | 963704   | 606K/880K-DT/K-NL Hex Nut         | 1        |        |
| 8        | 965568   | 606/880 DT Spindle Lock           | 1        |        |
| 9        | 970137   | 880K Booster Body                 | 1        |        |
| 10       | 970138   | 880K Booster Torsion Spring       | 1        |        |
| 11       | 970139   | 880K Booster Spacer               | 1        |        |
| 12       | 970159   | 880K Flange Bearing               | 1        |        |
| 13       | 968883   | Extended Spindle - 880K           | 1        |        |

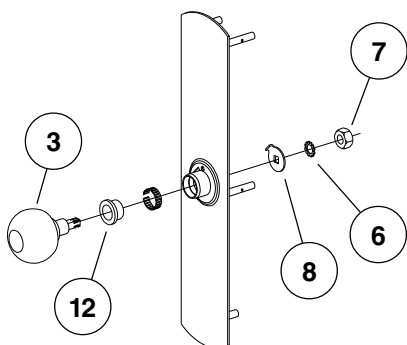
X in "Finish" column designates finished item; specify finish when ordering.



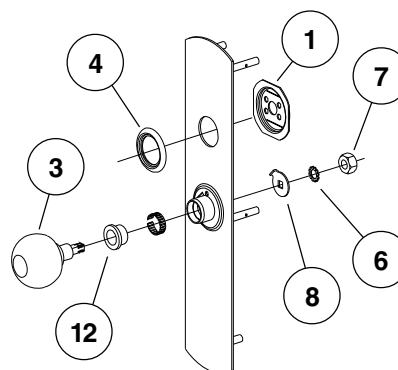
**880K**



**880K-BE**



**880K-DT**

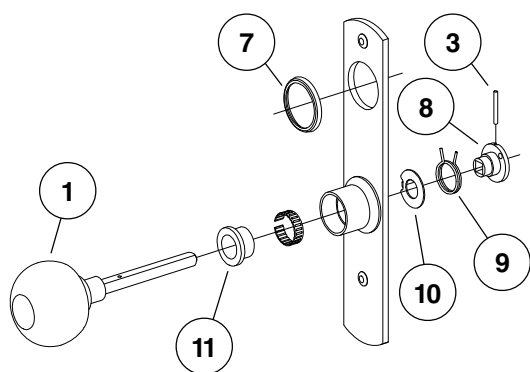


**880K-RIGID**

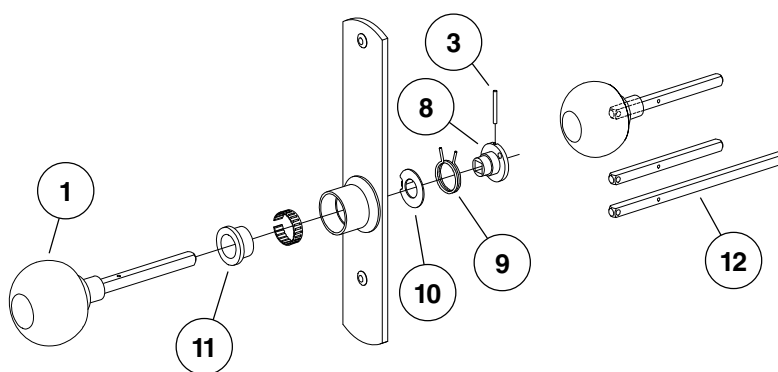
## 606K, 606K-BE, 606K-DT, 606K-RIGID PARTS

| Item No. | Part No. | Description                       | Quantity | Finish |
|----------|----------|-----------------------------------|----------|--------|
| 1        | 110544   | 880K Orbit Knob Assembly          | 1        | X      |
| 2        | 110547   | 880K Orbit Knob Assembly (DT)     | 1        | X      |
| 3        | 963196   | 606K/880K Roll Pin (3/32" x 7/8") | 1        |        |
| 4        | 963703   | 606K/880K 3/8" Lockwasher         | 1        |        |
| 5        | 963704   | 606K/880K-DT/K-NL Hex Nut         | 1        |        |
| 6        | 965568   | 606/880 DT Spindle Lock           | 1        |        |
| 7        | 961267   | 880-M Cylinder Collar             | 1        | X      |
| 8        | 970137   | 880K Booster Body                 | 1        |        |
| 9        | 970138   | 880K Booster Torsion Spring       | 1        |        |
| 10       | 970139   | 880K Booster Spacer               | 1        |        |
| 11       | 970159   | 880K Flange Bearing               | 1        |        |
| 12       | 968883   | Extended Spindle - 880K           | 1        |        |

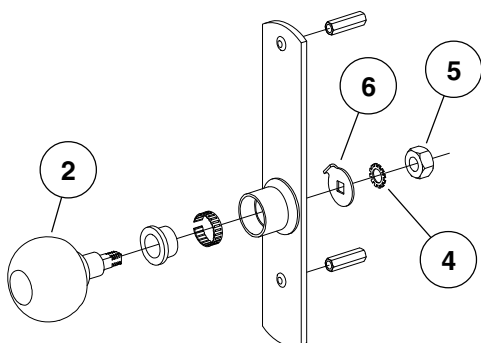
X in "Finish" column designates finished item; specify finish when ordering.



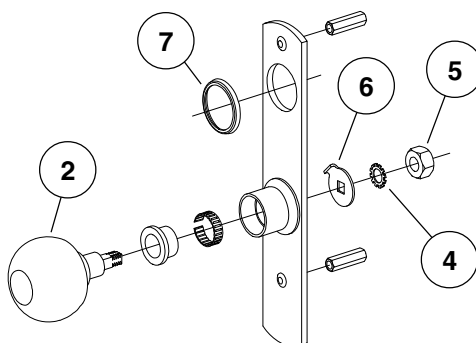
**606K**



**606K-BE**



**606K-DT**

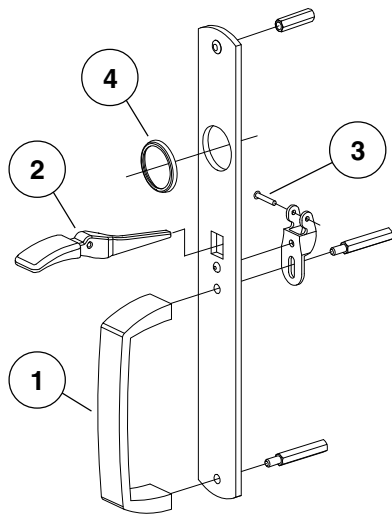


**606K-RIGID**

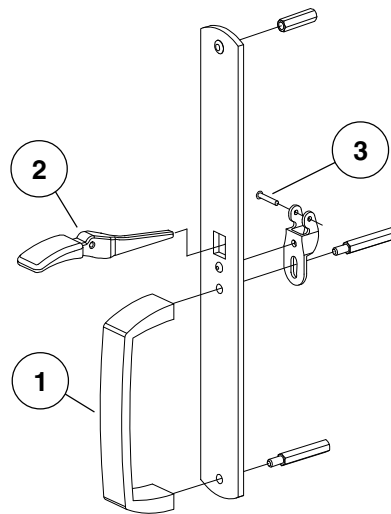
**608TP, 608TP-BE, 608DT, 608NL PARTS**

| Item No. | Part No. | Description                    | Quantity | Finish |
|----------|----------|--------------------------------|----------|--------|
| 1        | 972466   | Pull Grip (US26D)              | 1        | X      |
| 1        | 972467   | Pull Grip (all other finishes) | 1        | X      |
| 2        | 959575   | 880-M/V Thumbpiece             | 1        | X      |
| 2        | 970488   | 608/880TP-R Thumbpiece         | 1        | X      |
| 3        | 959603   | 880 Thumbpiece Axle            | 1        |        |
| 4        | 961267   | 880-M Cylinder Collar          | 1        | X      |

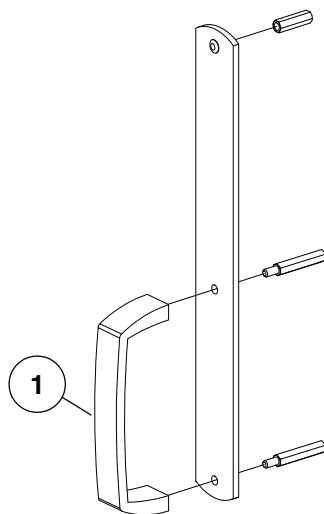
X in "Finish" column designates finished item; specify finish when ordering.



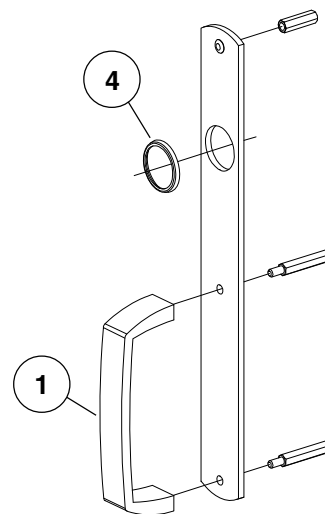
**608TP**



**608TP-BE**



**608DT**

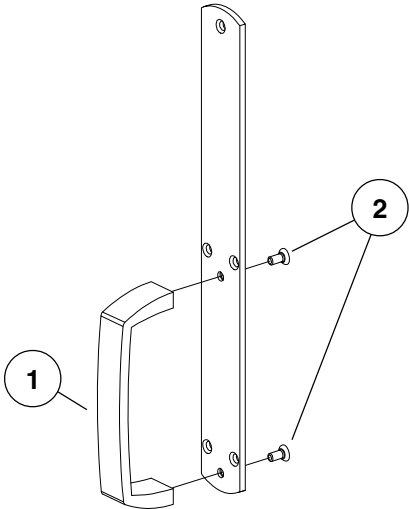


**608NL**

**609DT-SA PARTS**

| Item No. | Part No. | Description                    | Quantity | Finish |
|----------|----------|--------------------------------|----------|--------|
| 1        | 972466   | Pull Grip (US26D)              | 1        | X      |
| 1        | 972467   | Pull Grip (all other finishes) | 1        | X      |
| 2        | 963011   | 880DT-V-SA 12-24 x 1/2" UFPHMS | 1        |        |

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



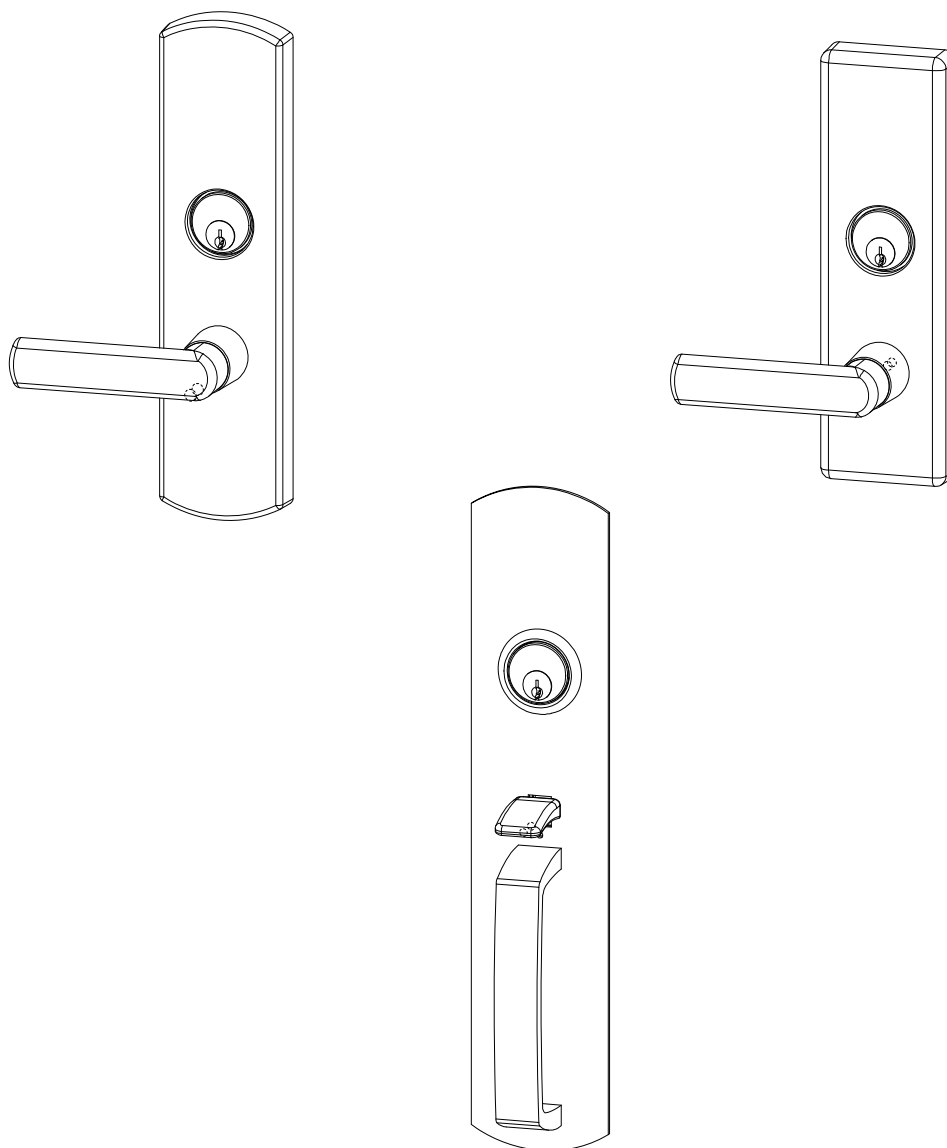
**609DT-SA**

# VON DUPRIN®

## PARTS MANUAL

JULY 2009

### 990 SERIES OUTSIDE TRIM



PM990\_B  
VD-5561

**IR** *Ingersoll Rand*  
Security Technologies

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## INTRODUCTION

This manual contains a listing of replaceable parts and assemblies for the 990 Series Trims.

## 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:

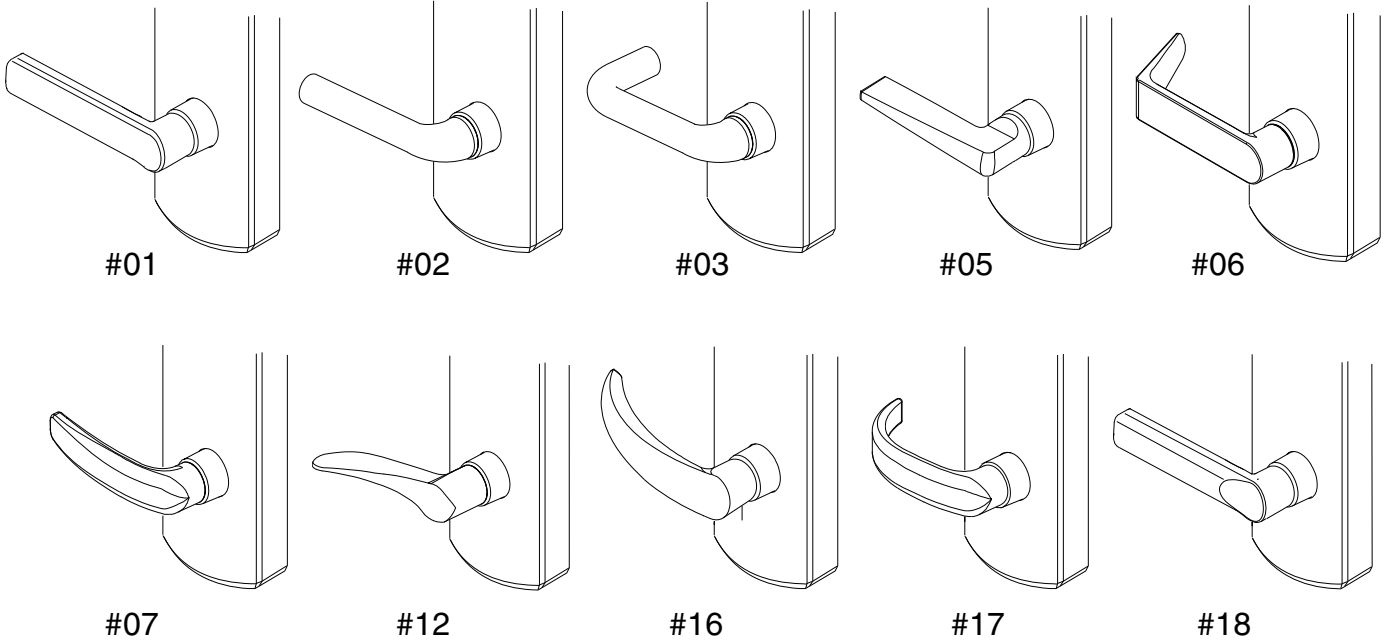
- Part number or assembly number
- Description
- Quantity needed
- Finish desired (if available finished)
- Date of original purchase (if known)

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

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

## 992/994/996 TRIM LEVERS



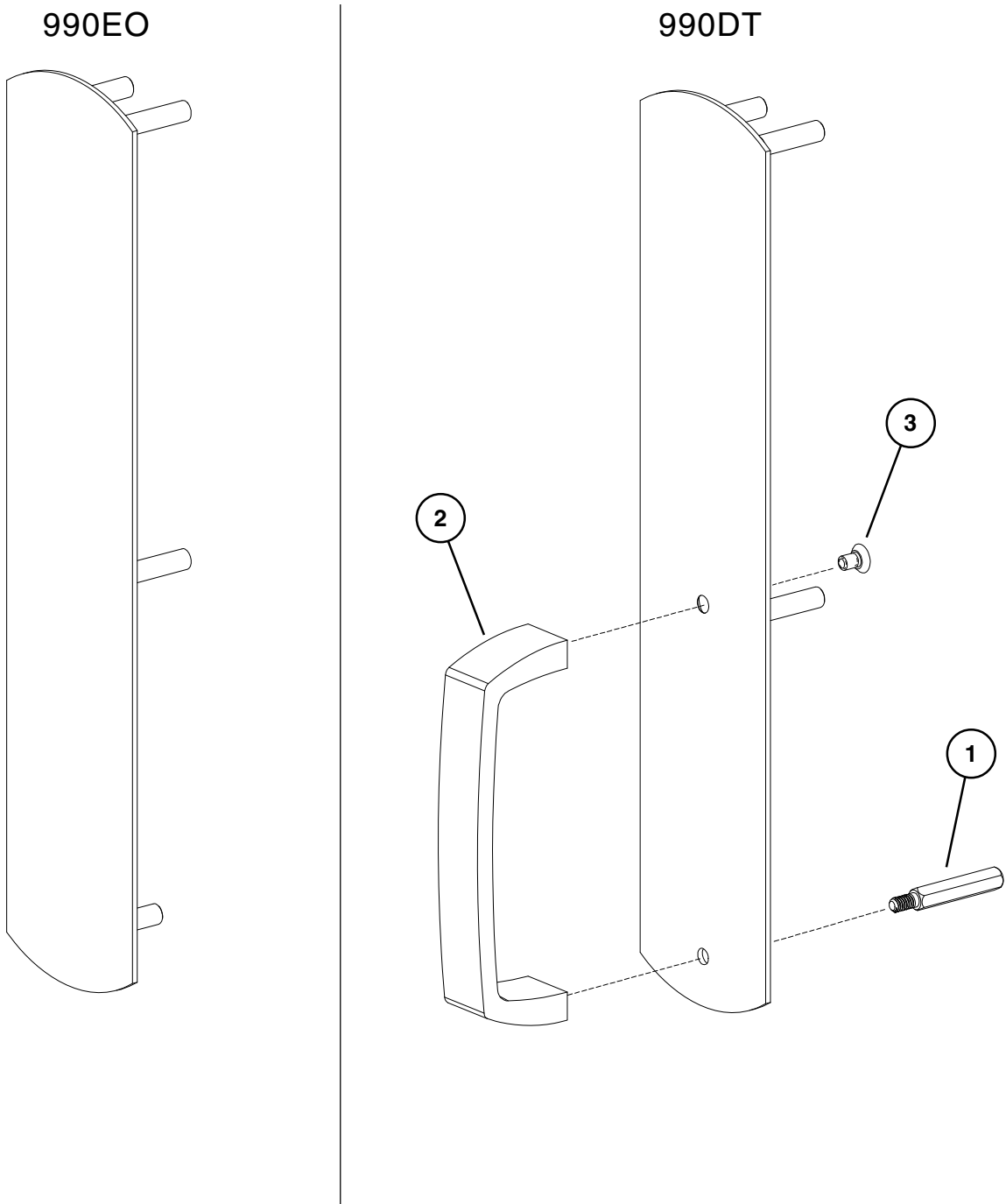
## 990 SERIES FINISHES

| U.S. Std<br>Reference | BHMA<br>Reference | Description                         |
|-----------------------|-------------------|-------------------------------------|
| US3                   | 605               | Polished Brass                      |
| US4                   | 606               | Dull Brass                          |
| US10                  | 612               | Dull Bronze                         |
| US15                  | 619               | Satin Nickel                        |
| US26                  | 625               | Polished Chrome                     |
| US26D                 | 626               | Dull Chrome                         |
| US28                  | 628               | Anodized Alum. (Clear)              |
| US32D                 | 630               | Satin Stainless Steel               |
| 313AN                 | 710               | Anodized Alum. (313)<br>Dark Bronze |
| 315AN                 | 711               | Anodized Alum. (Black)              |

990EO & 990DT TRIM

| Item No. | Quantity | Part No. | Description                          | Finish |
|----------|----------|----------|--------------------------------------|--------|
|          | 1        | 900853   | 990 Screw Package 1-3/4" - 2-1/4" Dr |        |
| 1        | 1        | 956760   | Hex Stud - 990 Trim                  |        |
| 2        | 1        | 972466   | Pull Grip                            | X      |
| 3        | 1        | 963579   | #12-24 x 3/8" UFPHMS                 |        |

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

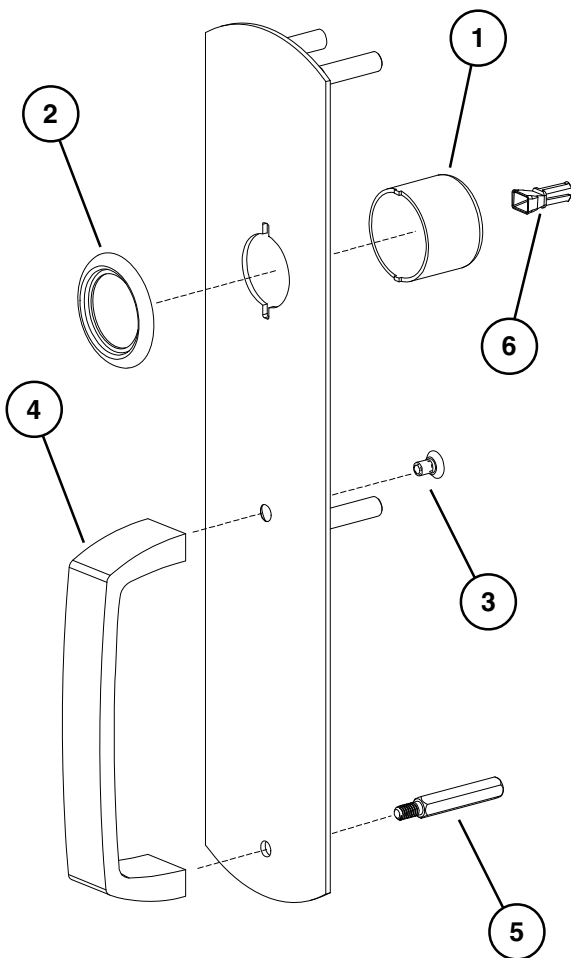


## 990NL-R&V & 990NL-M TRIM

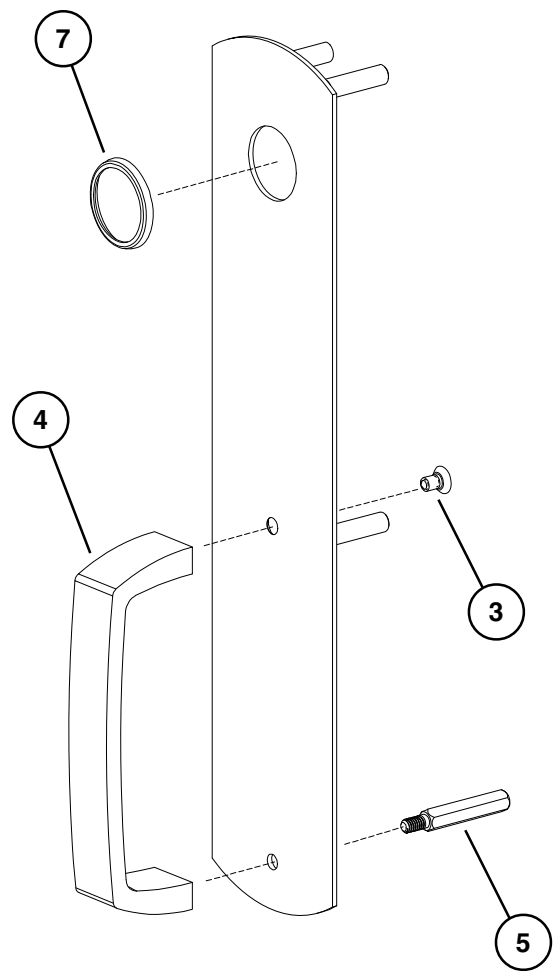
| Item No. | Quantity | Part No. | Description                          | Finish |
|----------|----------|----------|--------------------------------------|--------|
|          | 1        | 900853   | 990 Screw Package 1-3/4" - 2-1/4" Dr |        |
| 1        | 1        | 968201   | Cylinder Retaining Cup               |        |
| 2        | 1        | 965226   | Cylinder Collar - R&V                |        |
| 3        | 1        | 963579   | #12-24x 3/8" UFPHMS                  |        |
| 4        | 1        | 972469   | Pull Grip                            | X      |
| 5        | 1        | 956760   | Hex Stud - 990 Trim                  |        |
| 6        | 1        | 050156   | Tailpiece Guide (Pkg of 10)          |        |
| 7        | 1        | 961267   | Cylinder Collar - Mortise            |        |

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

990NL-R&V



990NL-M

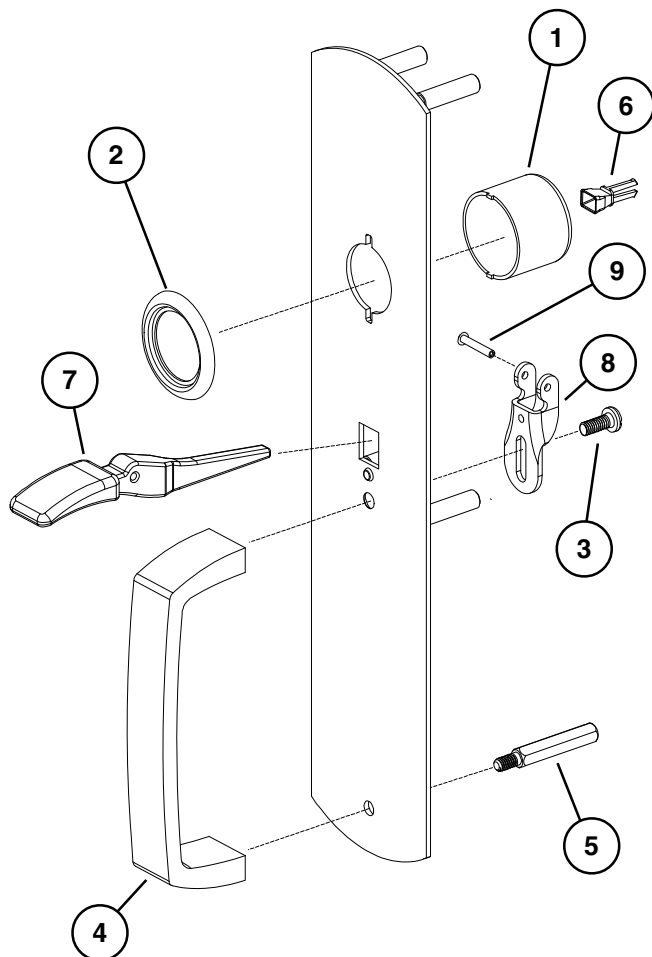


## 990TP-R&V & 990TP-BE-R&V TRIM

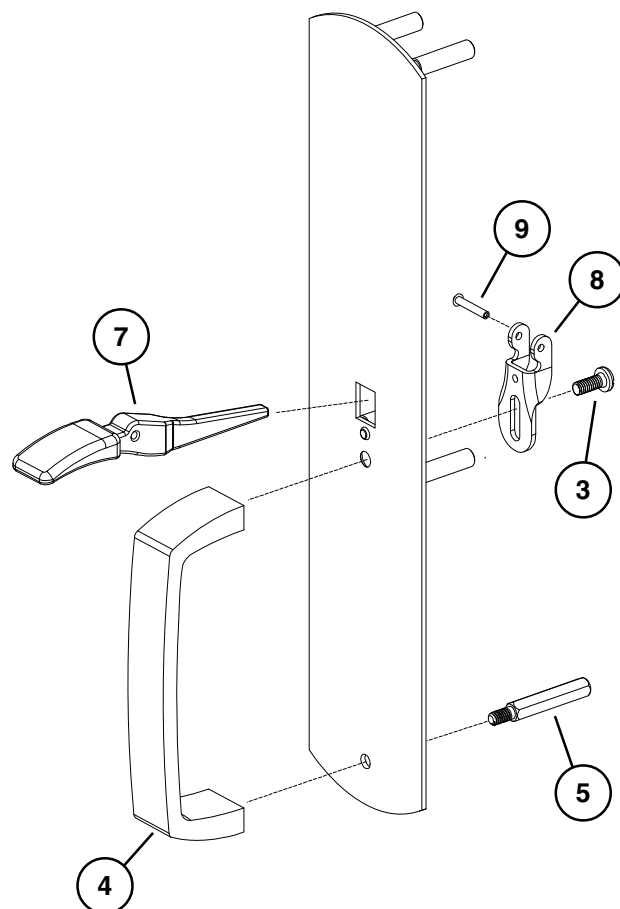
| Item No. | Quantity | Part No. | Description                          | Finish |
|----------|----------|----------|--------------------------------------|--------|
|          | 1        | 900853   | 990 Screw Package 1-3/4" - 2-1/4" Dr |        |
| 1        | 1        | 968201   | Cylinder Retaining Cup               |        |
| 2        | 1        | 965226   | Cylinder Collar                      |        |
| 3        | 1        | 965237   | TP Bracket Screw                     |        |
| 4        | 1        | 972469   | Pull Grip                            | X      |
| 5        | 1        | 956760   | Hex Stud - 990 Trim                  |        |
| 6        | 1        | 050156   | Tailpiece Guide (Pkg of 10)          |        |
| 7        | 1        | 970488   | Thumbpiece - R&V                     | X      |
| 8        | 1        | 969353   | Thumbpiece Bracket                   |        |
| 9        | 1        | 959603   | Thumbpiece Axle                      |        |

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

990TP-R&V



990TP-BE-R&V

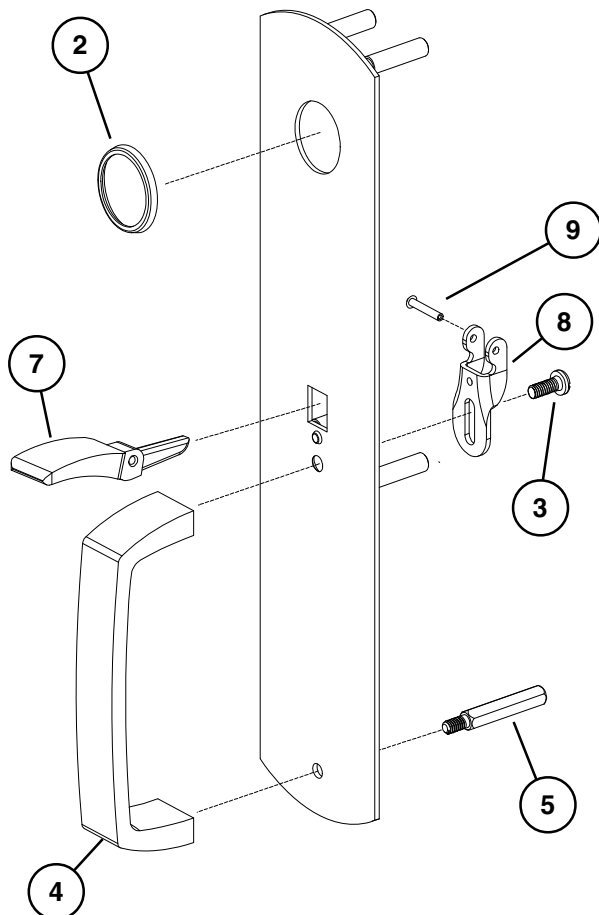


## 990TP-M & 990TP-BE-M TRIM

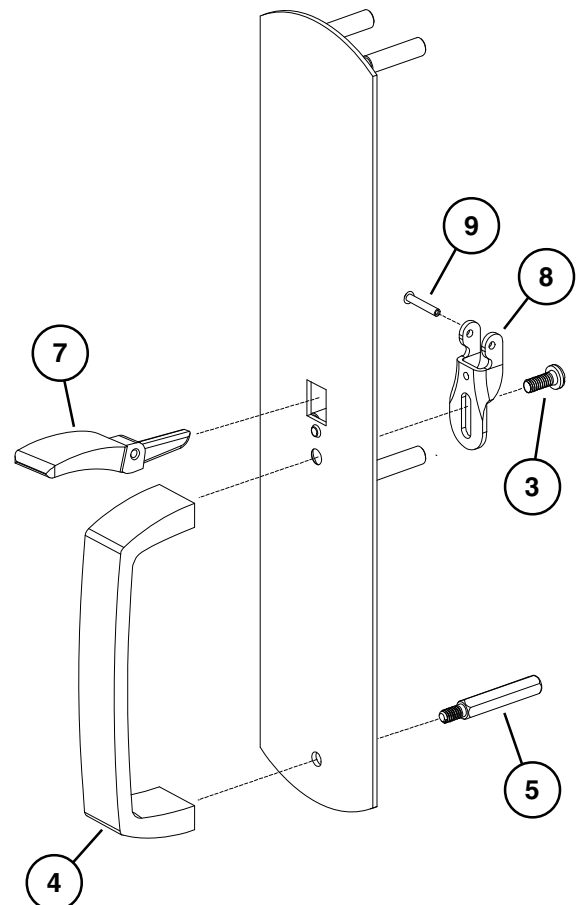
| Item No. | Quantity | Part No. | Description                          | Finish |
|----------|----------|----------|--------------------------------------|--------|
|          | 1        | 900853   | 990 Screw Package 1-3/4" - 2-1/4" Dr |        |
| 2        | 1        | 961267   | Cylinder Collar                      |        |
| 3        | 1        | 965237   | TP Bracket Screw                     |        |
| 4        | 1        | 972469   | Pull Grip                            | X      |
| 5        | 1        | 956760   | Hex Stud - 990 Trim                  |        |
| 7        | 1        | 970950   | Thumbpiece - Mortise                 | X      |
| 8        | 1        | 969353   | Thumbpiece Bracket                   |        |
| 9        | 1        | 959603   | Thumbpiece Axle                      |        |

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

990TP-M



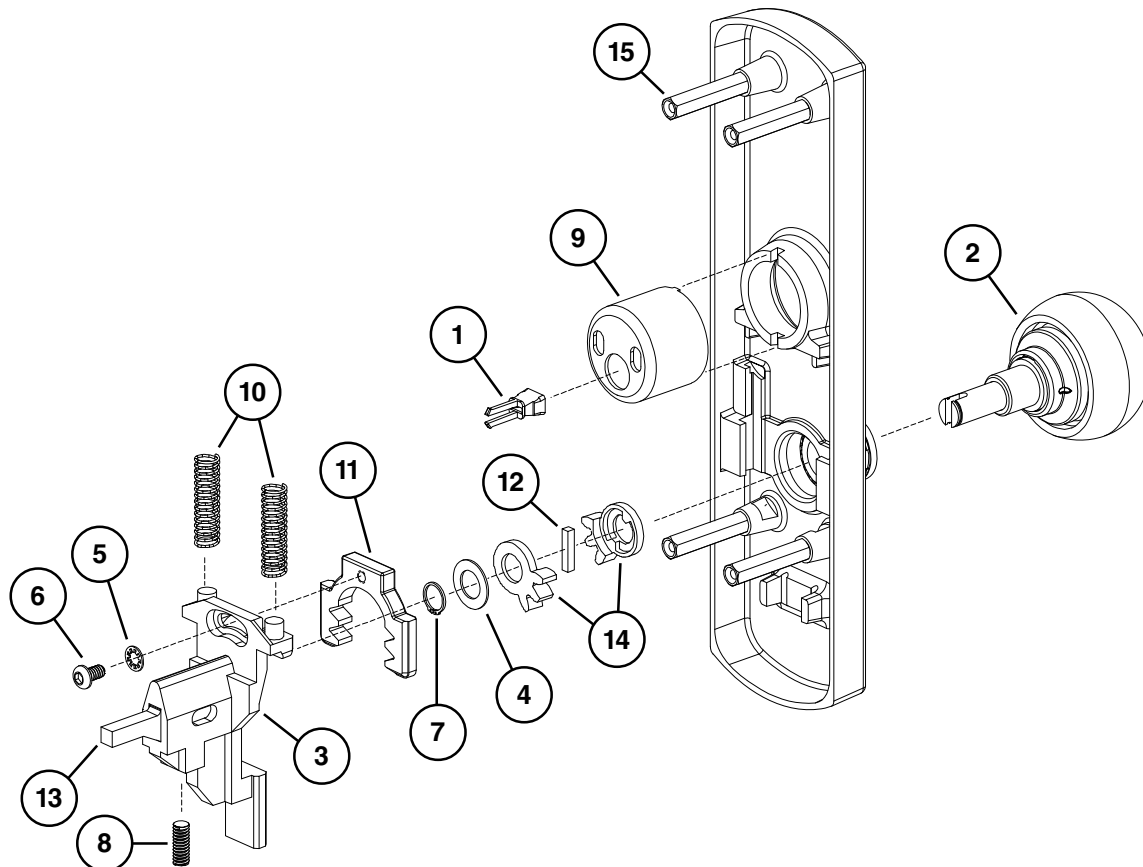
990TP-BE-M



## 991K-R&V TRIM

| Item No. | Quantity | Part No. | Description                                | Finish |
|----------|----------|----------|--------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package              |        |
| 1        | 1        | 050156   | Tailpiece Guide (Pkg of 10)                |        |
| 2        | 1        | 110537   | Orbit Knob Assembly - 991K                 |        |
| 3        | 1        | 110768   | Slider Sub-Assembly - 991K-R/V             |        |
| 4        | 1        | 963105   | Flat Washer - 992K-DT/NL/BE/992L           |        |
| 5        | 1        | 963925   | #10 Internal Tooth Lock Washer - 991K/992L |        |
| 6        | 1        | 964086   | 10-24 x 3/8" Btn Hd Cap Screw - 991K/992L  |        |
| 7        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L        |        |
| 8        | 1        | 964353   | 1/4-20 x 5/8" Socket Set Screw             |        |
| 9        | 1        | 968201   | Cylinder Retaining Cup                     |        |
| 10       | 1        | 969012   | Spring - 991K                              |        |
| 11       | 1        | 969537   | Slider Rack - 991K                         |        |
| 12       | 1        | 969544   | Straight Key - 991K                        |        |
| 13       | 1        | 969545   | R&V Finger - 991K/992L                     |        |
| 14       | 1        | 969551   | Pinion Gear - 991K                         |        |
| 15       | 1        | 971440   | Hex Stud - 991K/992L                       |        |

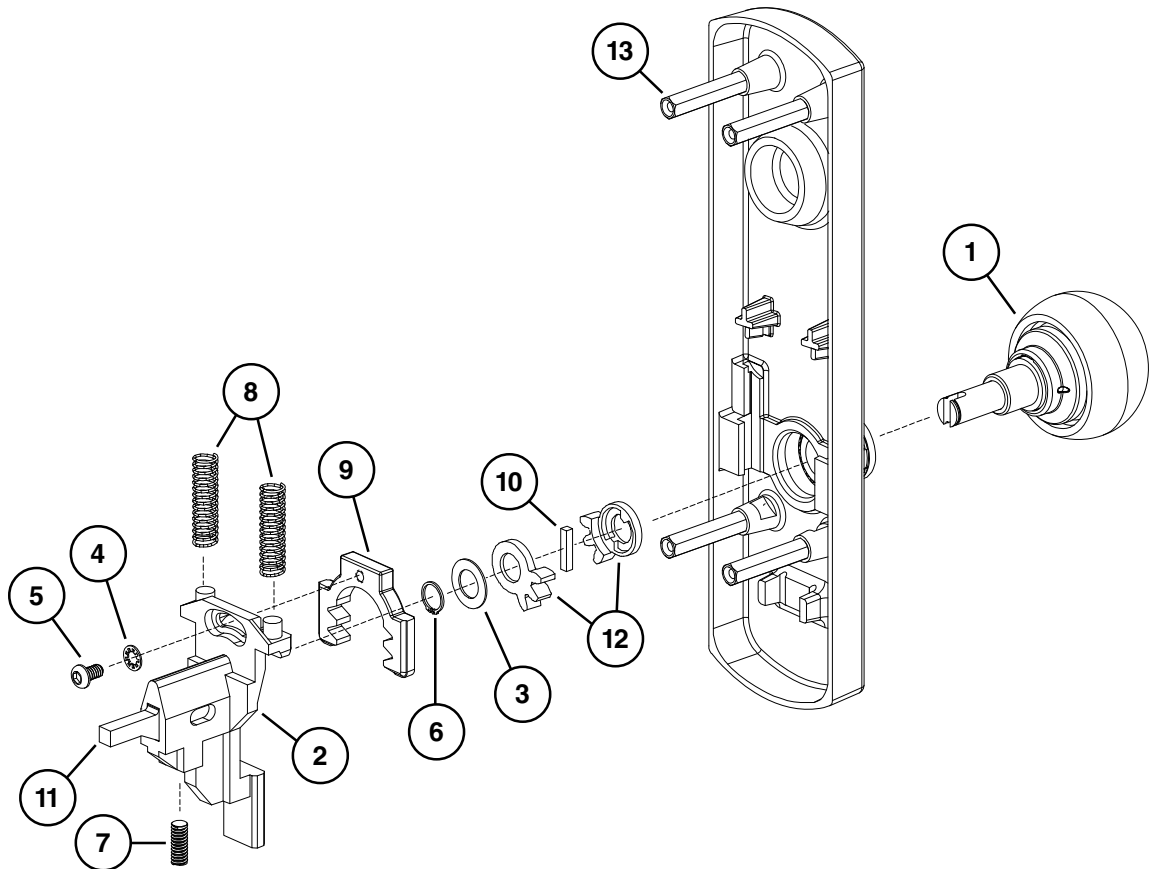
X in "Finish" column designates finished items; finish must be specified when ordering.



## 991K-BE-R&V TRIM

| Item No. | Quantity | Part No. | Description                                | Finish |
|----------|----------|----------|--------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package              |        |
| 1        | 1        | 110537   | Orbit Knob Assembly - 991K                 |        |
| 2        | 1        | 110768   | Slider Sub-Assembly - 991K-R/V             |        |
| 3        | 1        | 963105   | Flat Washer - 992K-DT/NL/BE/992L           |        |
| 4        | 1        | 963925   | #10 Internal Tooth Lock Washer - 991K/992L |        |
| 5        | 1        | 964086   | 10-24 x 3/8" Btn Hd Cap Screw - 991K/992L  |        |
| 6        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L        |        |
| 7        | 1        | 964353   | 1/4-20 x 5/8" Socket Set Screw             |        |
| 8        | 1        | 969012   | Spring - 991K                              |        |
| 9        | 1        | 969537   | Slider Rack - 991K                         |        |
| 10       | 1        | 969544   | Straight Key - 991K                        |        |
| 11       | 1        | 969545   | R&V Finger - 991K/992L                     |        |
| 12       | 1        | 969551   | Pinion Gear - 991K                         |        |
| 13       | 1        | 971440   | Hex Stud - 991K/992L                       |        |

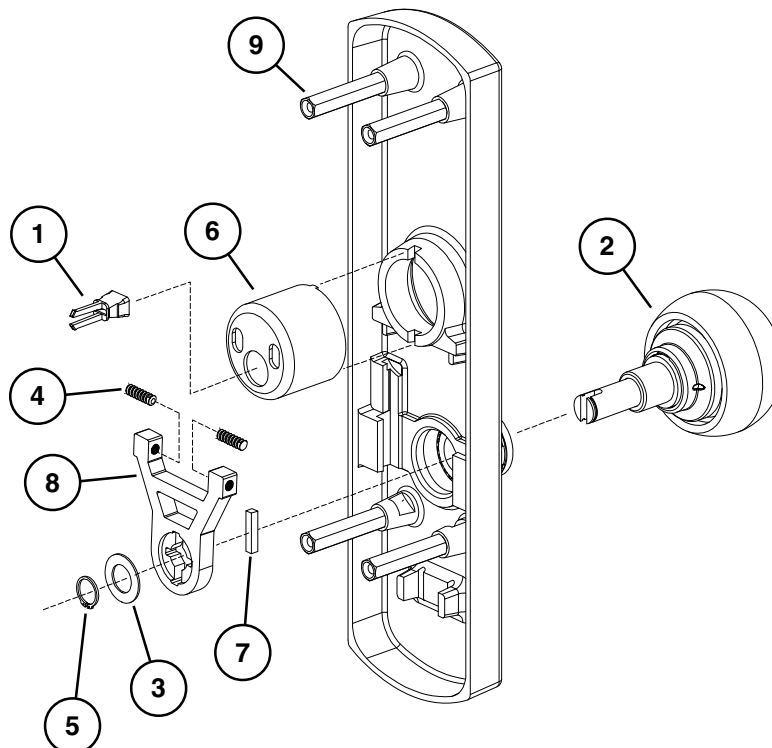
X in "Finish" column designates finished items; finish must be specified when ordering.



## 991K-NL-R&V TRIM

| Item No. | Quantity | Part No. | Description                         | Finish |
|----------|----------|----------|-------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package       |        |
| 1        | 1        | 050156   | Tailpiece Guide (Pkg of 10)         |        |
| 2        | 1        | 110537   | Orbit Knob Assembly - 991K          | X      |
| 3        | 1        | 963105   | Flat Washer - 992K-DT/NL/BE/992L    |        |
| 4        | 1        | 964183   | 10-24 x 1/2" Socket Set Cap Screw   |        |
| 5        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L |        |
| 6        | 1        | 968201   | Cylinder Retaining Cup              |        |
| 7        | 1        | 969544   | Straight Key - 991K                 |        |
| 8        | 1        | 970117   | DT Yoke - 991K/992L ( DT and NL)    |        |
| 9        | 1        | 971440   | Hex Stud - 991K/992L                |        |

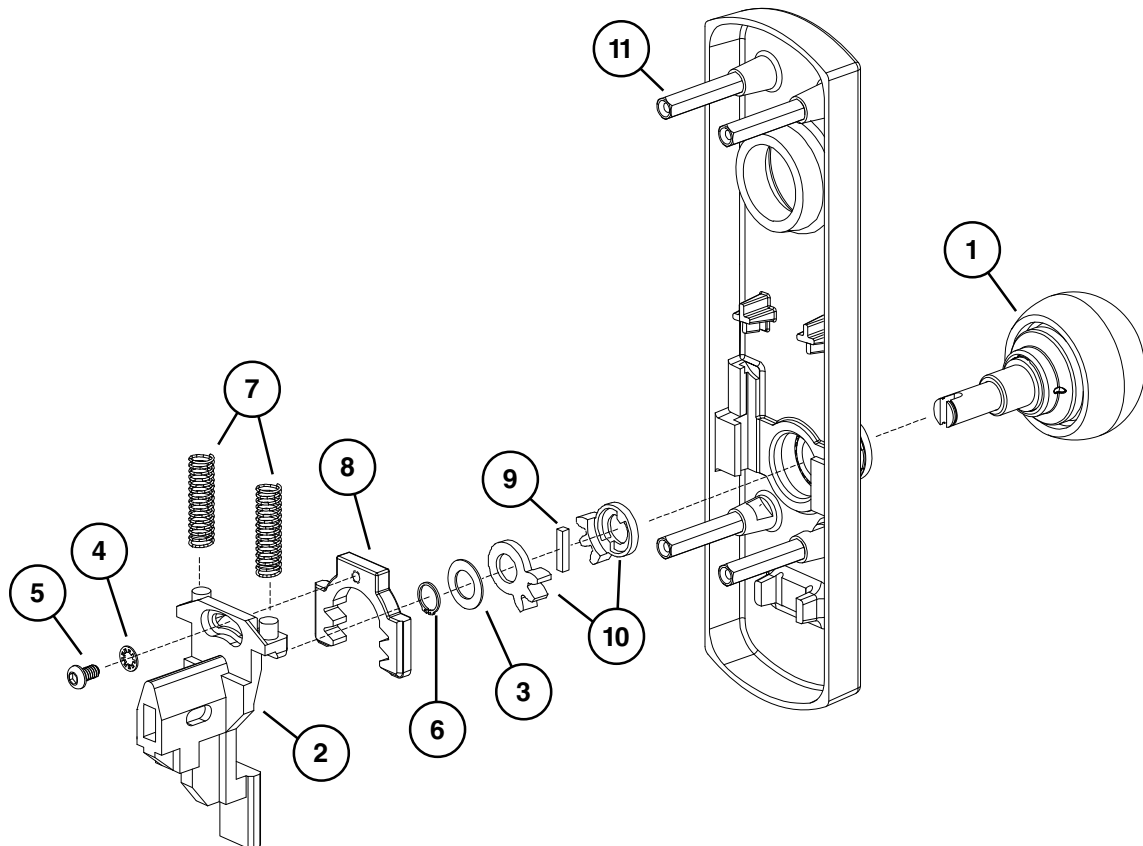
X in "Finish" column designates finished items; finish must be specified when ordering.



## 991K-M & 991K-M-BE TRIM

| Item No. | Quantity | Part No. | Description                                | Finish |
|----------|----------|----------|--------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package              |        |
| 1        | 1        | 110537   | Orbit Knob Assembly - 991K                 |        |
| 2        | 1        | 969535   | Slider - 991K-M                            |        |
| 3        | 1        | 963105   | Flat Washer - 992K-DT/NL/BE/992L           |        |
| 4        | 1        | 963925   | #10 Internal Tooth Lock Washer - 991K/992L |        |
| 5        | 1        | 964086   | 10-24 x 3/8" Btn Hd Cap Screw - 991K/992L  |        |
| 6        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L        |        |
| 7        | 1        | 969012   | Spring - 991K                              |        |
| 8        | 1        | 969537   | Slider Rack - 991K                         |        |
| 9        | 1        | 969544   | Straight Key - 991K                        |        |
| 10       | 1        | 969551   | Pinion Gear - 991K                         |        |
| 11       | 1        | 971440   | Hex Stud - 991K/992L                       |        |

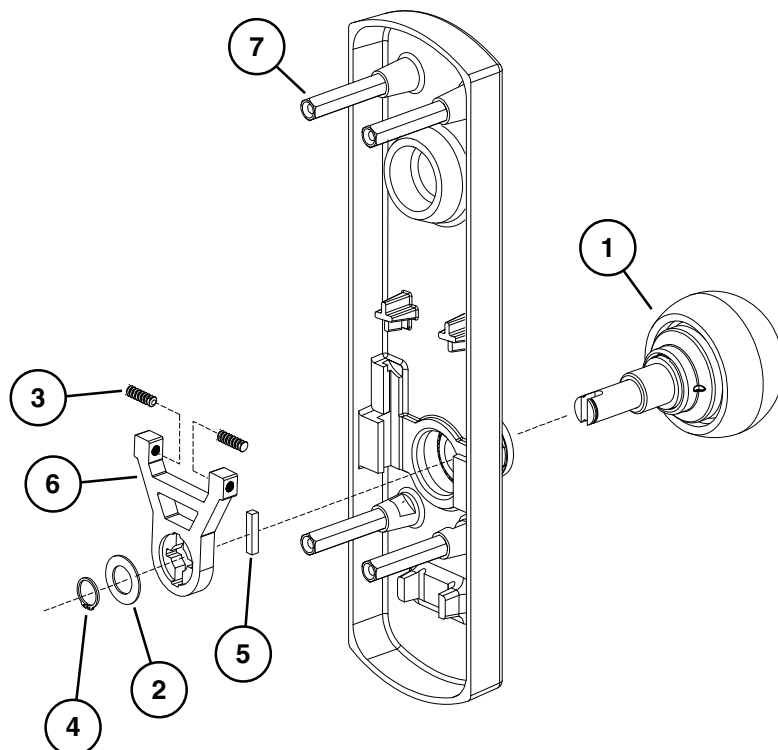
X in "Finish" column designates finished items; finish must be specified when ordering.



## 991K-NL-M & 991K-DT TRIM

| Item No. | Quantity | Part No. | Description                         | Finish |
|----------|----------|----------|-------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package       |        |
| 1        | 1        | 110537   | Orbit Knob Assembly - 991K          | X      |
| 2        | 1        | 963105   | Flat Washer - 992K-DT/NL/BE/992L    |        |
| 3        | 1        | 964183   | 10-24 x 1/2" Socket Set Cap Screw   |        |
| 4        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L |        |
| 5        | 1        | 969544   | Straight Key - 991K                 |        |
| 6        | 1        | 970117   | DT Yoke - 991K/992L ( DT and NL)    |        |
| 7        | 1        | 971440   | Hex Stud - 991K/992L                |        |

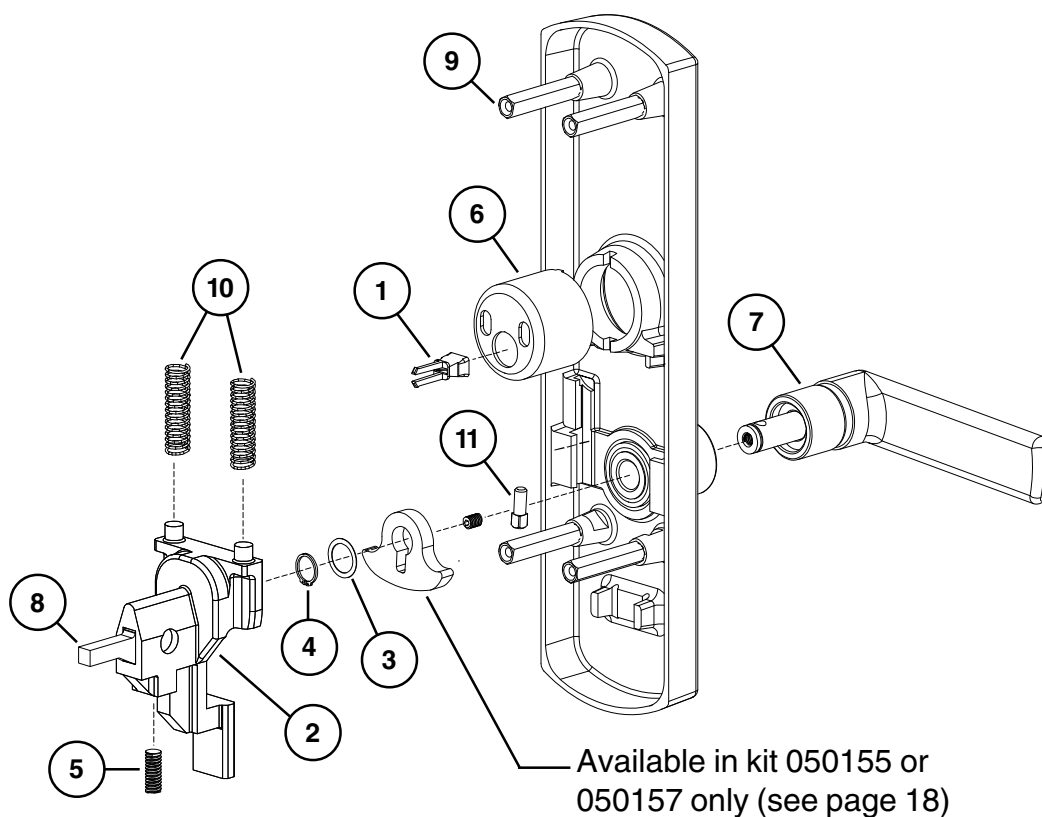
X in "Finish" column designates finished items; finish must be specified when ordering.



## 992L-R&V TRIM

| Item No. | Quantity | Part No. | Description                              | Finish |
|----------|----------|----------|------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package            |        |
| 1        | 1        | 050156   | Tailpiece Guide (Pkg of 10)              |        |
| 2        | 1        | 110769   | Slider Sub-Assembly - 992L-R/V           |        |
| 3        | 1        | 090103   | Wave Spring Washer - 992L Pkg/10         |        |
| 4        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L      |        |
| 5        | 1        | 964353   | 1/4-20 x 5/8" Socket Set Screw           |        |
| 6        | 1        | 968201   | Cylinder Retaining Cup                   |        |
| 7        | 1        | 969541   | Lever Bushing - 992/994/996              |        |
| 8        | 1        | 969545   | R&V Finger - 991K/992L                   |        |
| 9        | 4        | 971440   | Hex Stud - 991K/992L                     |        |
| 10       | 2        | 971573   | Lift Spring - 992/994                    |        |
| 11       | 1        | 050611   | Shear Pin - 992/994/996 w/Retaining Ring |        |

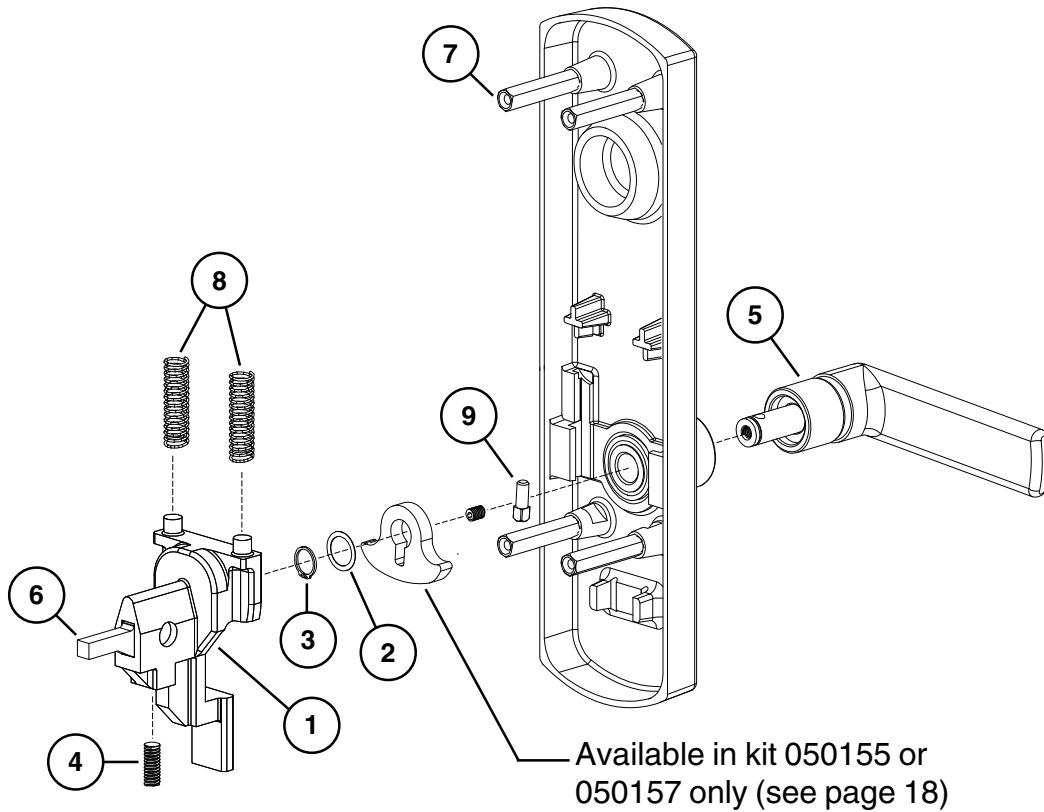
X in "Finish" column designates finished items; finish must be specified when ordering.



## 992L-BE-R&V TRIM

| Item No. | Quantity | Part No. | Description                              | Finish |
|----------|----------|----------|------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package            |        |
| 1        | 1        | 110769   | Slider Sub-Assembly - 992L-R/V           |        |
| 2        | 1        | 090103   | Wave Spring Washer - 992L Pkg/10         |        |
| 3        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L      |        |
| 4        | 1        | 964353   | 1/4-20 x 5/8" Socket Set Screw           |        |
| 5        | 1        | 969541   | Lever Bushing - 992/994/996              |        |
| 6        | 1        | 969545   | R&V Finger - 991K/992L                   |        |
| 7        | 4        | 971440   | Hex Stud - 991K/992L                     |        |
| 8        | 2        | 971573   | Lift Spring - 992/994                    |        |
| 9        | 1        | 050611   | Shear Pin - 992/994/996 w/Retaining Ring |        |

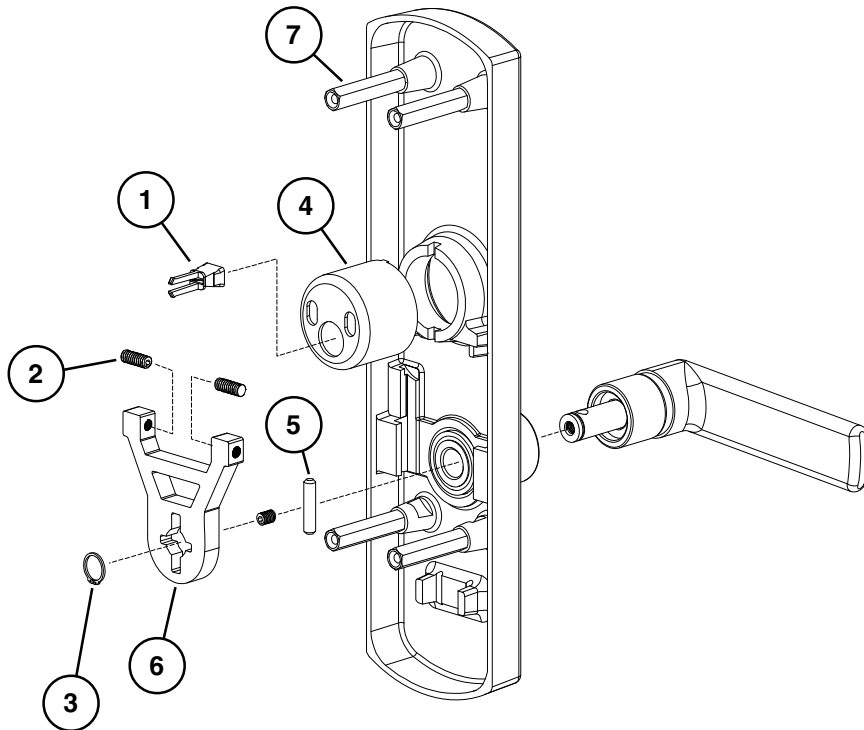
X in "Finish" column designates finished items; finish must be specified when ordering.



## 992L-NL-R&V TRIM

| Item No. | Quantity | Part No. | Description                         | Finish |
|----------|----------|----------|-------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package       |        |
| 1        | 1        | 050156   | Tailpiece Guide (Pkg of 10)         |        |
| 2        | 1        | 964183   | 10-24 x 1/2" Socket Set Cap Screw   |        |
| 3        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L |        |
| 4        | 1        | 968201   | Cylinder Retaining Cup              |        |
| 5        | 1        | 971015   | DT Cam Pin - 992/994/996            |        |
| 6        | 1        | 970117   | DT Yoke - 991K/992L ( DT and NL)    |        |
| 7        | 1        | 971440   | Hex Stud - 991K/992L                |        |

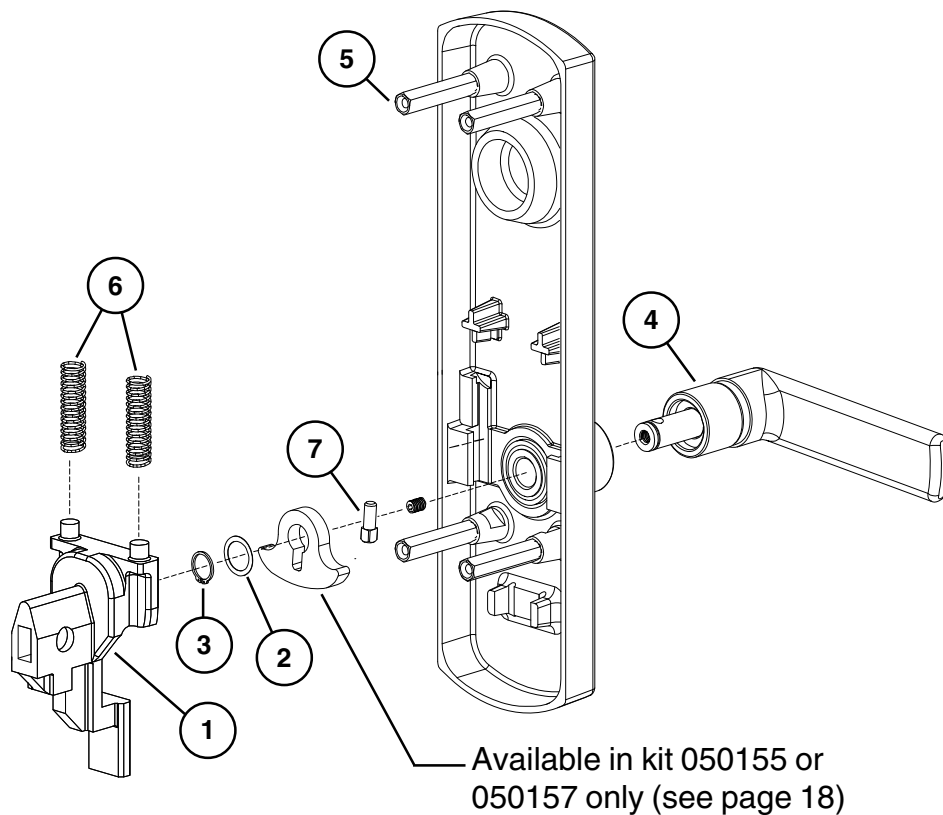
X in "Finish" column designates finished items; finish must be specified when ordering.



## 992L-M & 992L-BE-M LEVER TRIM

| Item No. | Quantity | Part No. | Description                              | Finish |
|----------|----------|----------|------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package            |        |
| 1        | 1        | 971012   | Slider Sub-Assembly - 992L-M             |        |
| 2        | 1        | 090103   | Wave Spring Washer - 992L Pkg/10         |        |
| 3        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L      |        |
| 4        | 1        | 969541   | Lever Bushing - 992/994/996              |        |
| 5        | 4        | 971440   | Hex Stud - 991K/992L                     |        |
| 6        | 2        | 971573   | Lift Spring - 992/994                    |        |
| 7        | 1        | 050611   | Shear Pin - 992/994/996 w/Retaining Ring |        |

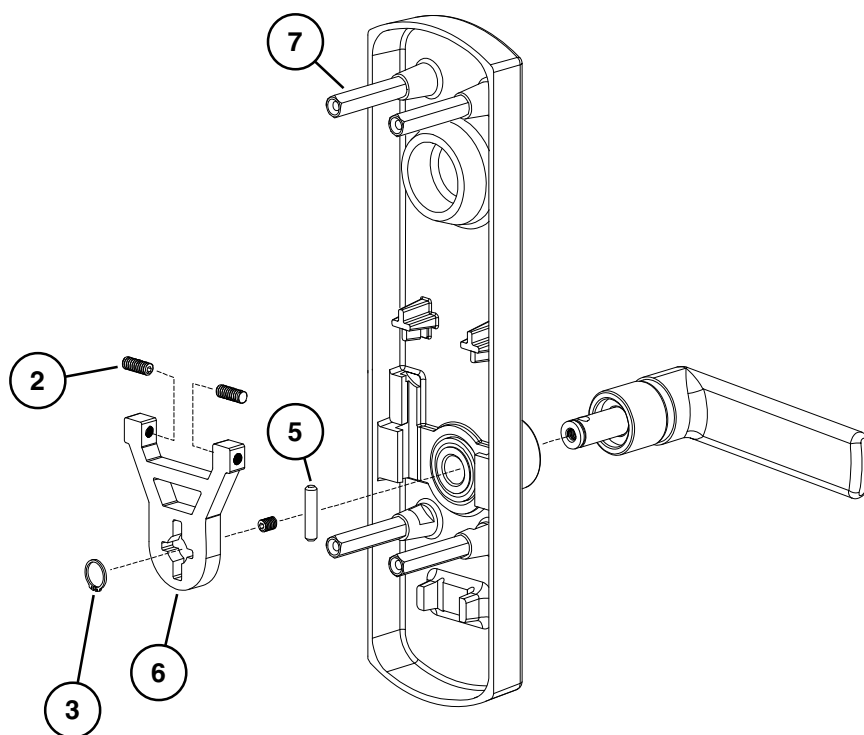
X in "Finish" column designates finished items; finish must be specified when ordering.



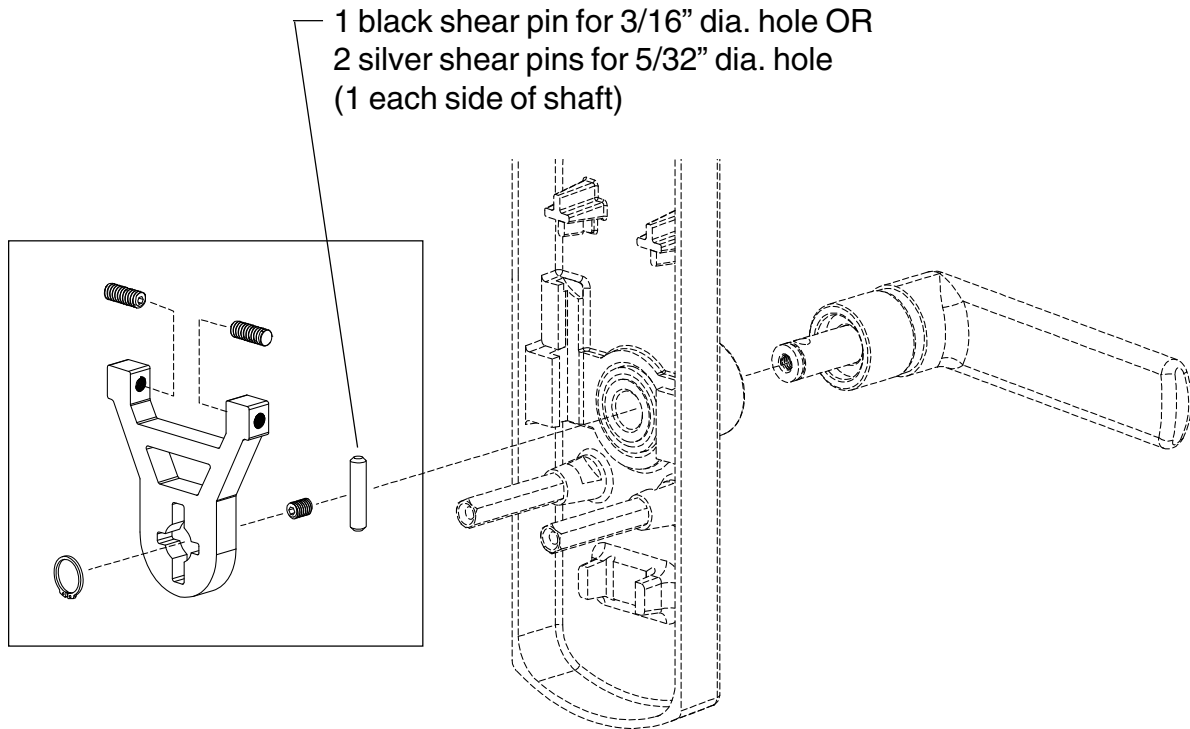
## 992L-NL-M & 992L-DT-M TRIM

| Item No. | Quantity | Part No. | Description                         | Finish |
|----------|----------|----------|-------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package       |        |
| 2        | 1        | 964183   | 10-24 x 1/2" Socket Set Cap Screw   |        |
| 3        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L |        |
| 5        | 1        | 971015   | DT Cam Pin - 992/994/996            |        |
| 6        | 1        | 970117   | DT Yoke - 991K/992L ( DT and NL)    |        |
| 7        | 1        | 971440   | Hex Stud - 991K/992L                |        |

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

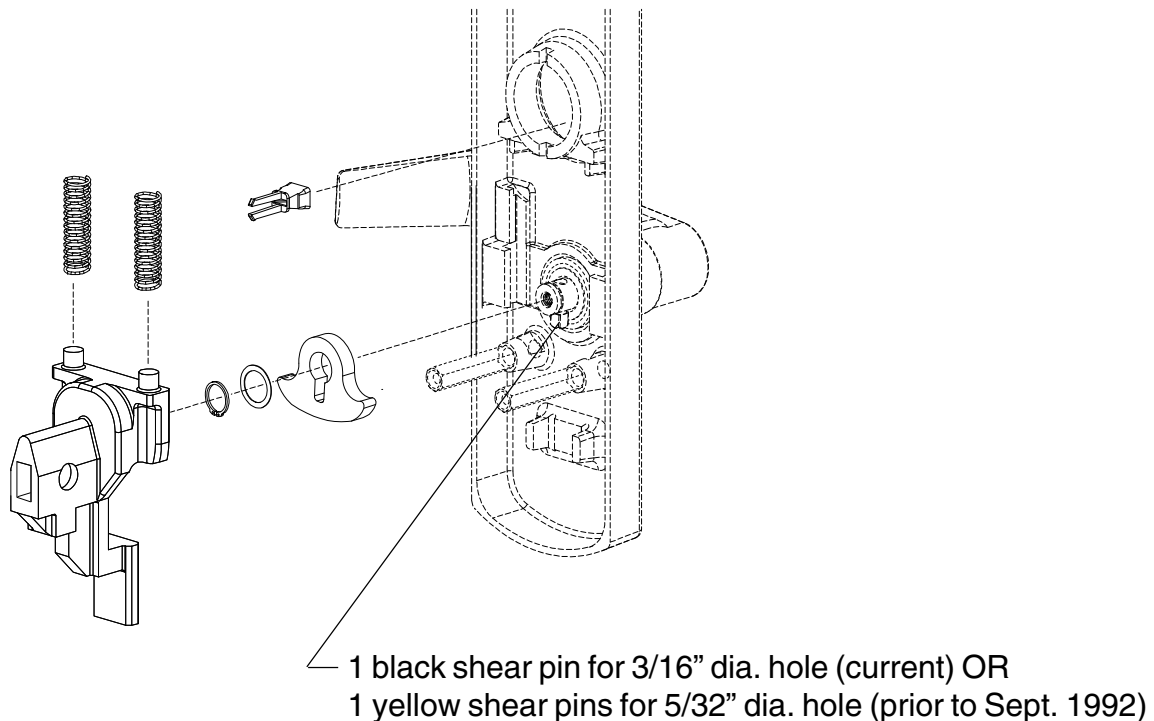


## 992L-DT OR RIGID TRIM CONVERSION KIT - 050154



## 992L REPLACEMENT CAM KIT W/SLIDER - 050155

## 992L REPLACEMENT CAM KIT LESS SLIDER - 050157



## 994L-R&V & 994L-R&V-BE LEVER TRIM

| Item No. | Quantity | Part No. | Description                              | Finish |
|----------|----------|----------|------------------------------------------|--------|
|          | 1        | 900920   | 991/992/994/996 Screw Package            |        |
| 1        | 1        | 050156   | Tailpiece Guide Lead Kit                 |        |
| 2        | 1        | 112461   | Slider Sub-Assembly - 994/996L-R/V       |        |
| 3        | 1        | 964285   | Retaining Ring - 991K-DT/NL/BE/992L      |        |
| 4        | 1        | 969541   | Lever Bushing - 992/994/996              |        |
| 5        | 4        | 968201   | Cylinder Retaining Cup - 990 Trim        |        |
| 6        | 2        | 971573   | Lift Spring - 992/994                    |        |
| 7        | 1        | 050611   | Shear Pin - 992/994/996 w/Retaining Ring |        |
| 8        | 4        | 971585   | Mounting Stud - 994/996                  |        |

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

