

Experience a safer and more open world

# **EXIT DEVICE TRIM AND MULLIONS**

# Parts Manual



# ASSA ABLOY

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#### INTRODUCTION

#### **Installation Notes**

- 1. Any retrofit or other field modification to a fire rated opening can potentially impact the fire rating of the opening, and ASSA ABLOY ACCENTRA™ makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.
- 2. Refer to the templates and installation instructions for complete door preparation and installation requirements.
- 3. Machine screws are provided for steel reinforced doors, threaded-to-the-head AB Type screws are provided for wood door applications. In addition, sex nuts and bolts are provided for fire rated devices and are optional for non-rated devices. It is recommended that sex nuts and bolts be used for all exit device applications. This will improve the performance and extend the life of the product.

#### **How to Order Parts**

- 1. In order to simplify the ordering procedure and maintain regulatory compliance, parts are only available as listed
- 2. To order parts, provide the appropriate quantity, part number, finish, hand (when required) and description as directed and illustrated below.

#### For example, use the following configuration to order:

- A) ten escutcheon assemblies in satin chrome
- B) one AU lever assembly in bright brass

|   | Quantity | Part Number      | Finish | Hand | Description           |
|---|----------|------------------|--------|------|-----------------------|
| А | 10       | 60-7000-0416-FIN | 626    | _    | Escutcheon Assemblies |
| В | 1        | 60-7000-0095-FIN | 605    | _    | Lever Assembly        |

For assistance, contact your authorized ASSA ABLOY ACCENTRA™ distributor, sales agency or visit our website at www.accentra-assaabloy.com.

- 3. For "X" in part number, specify finish required:
  - For 629 or 630 substitute "X" with "7"
  - For all other finishes substitute "X" with "2"

#### **Finishes**

| ANSI/BHMA<br>Code | Finish Description                      |
|-------------------|---|
| 600               | Primed for Painting (Mullions)          |
| 605               | Bright Brass, Clear Coated              |
| 606               | Satin Brass, Clear Coated               |
| 611               | Bright Bronze, Clear Coated             |
| 612               | Satin Bronze, Clear Coated              |
| 613E              | Dark Oxidized Satin Bronze - equivalent |
| 619*              | Satin Nickel Plated, Clear Coated       |
| 626*              | Satin Chrome Plated                     |
| 628               | Satin, Clear Anodized (Mullions)        |

| ANSI/BHMA<br>Code | Finish Description         |
|-------------------|----------------------------|
| 629               | Bright Stainless Steel     |
| 630*              | Satin Stainless Steel      |
| 689               | Aluminim Painted           |
| 691               | Light Bronze Painted       |
| 693               | Black Painted              |
| 695               | Dark Amber Coat (Mullions) |
| BSP               | Black Suede Powder Coat    |
| WSP               | White Suede Powder Coat    |

#### MicroShield®

\*Finish available with MicroShield antimicribial coating, additional finishes by special application. Consult factory for availability.

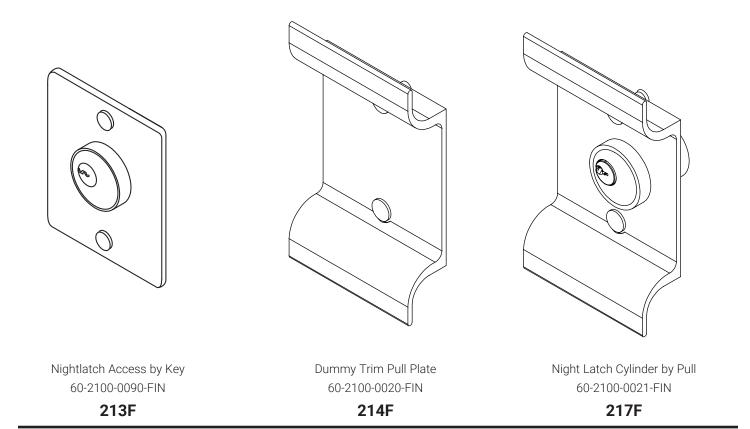


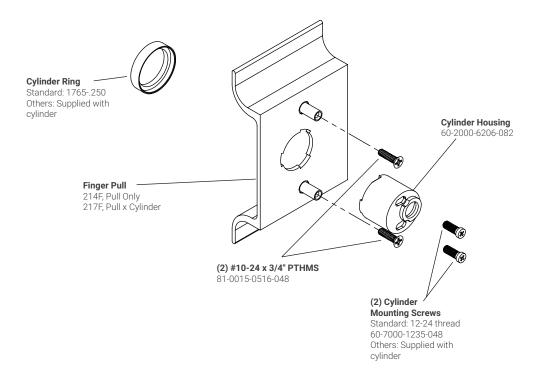






#### 210 SERIES PLATE TRIM







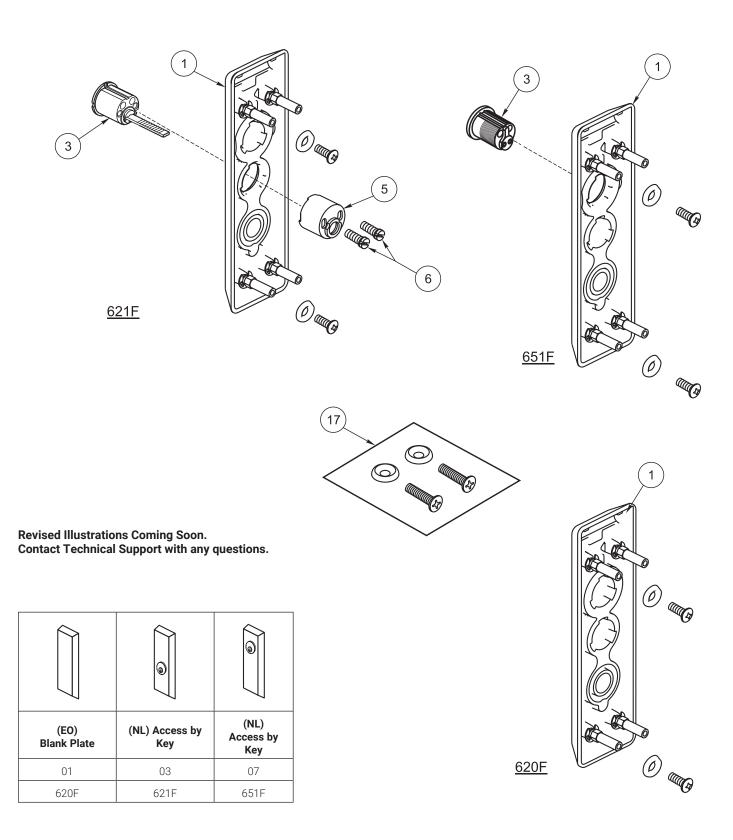
## 620F, 621F, 651F TRIM

| ltem | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0648-FIN<br>60-7000-0614-FIN<br>60-7030-0193-FIN | Escutcheon Assembly<br>620F<br>621F<br>651F  |
| 3    | See Chart Page 50  | Cylinder, Rim or Mortise*  |
| 5    | 60-2000-6206-082   | Housing, Cylinder 621F   |
| 6    | 60-7000-1235-048   | Screw, Cylinder 621F Mounting (2)  |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (2) Washer, #14 Finish (2) |

<sup>\*</sup> See page 50 for cylinder collar applications.



## 620F, 621F, 651F TRIM





## 603F, 626F, 628F, 629F TRIM

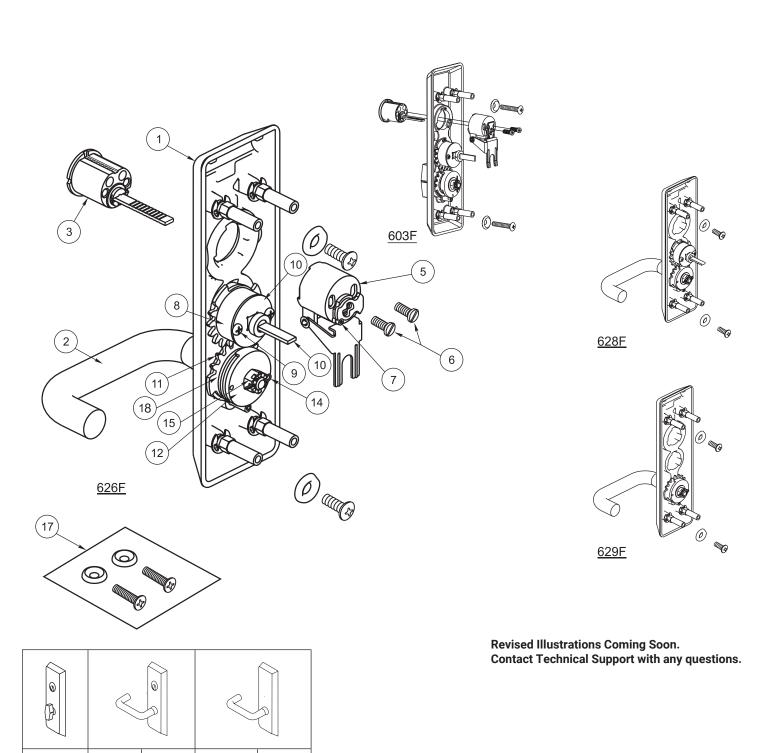
| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0612-FIN<br>60-7000-0615-FIN                     | Escutcheon Assembly<br>603F, 626F<br>628F, 629F  |
| 2    | See Chart pages 48-49                                    | Lever/Thumbturn Assy. (603F)   |
| 3    | See Chart page 50  | Cylinder, Rim*   |
| 5    | 60-7000-0215-000   | Housing & Cam Assy.  |
| 6    | 60-7000-1235-048   | Screw, Cylinder<br>Mounting (2)  |
| 7    | 81-0016-2200-999   | Screw, NL  |
| 8    | 60-7000-9002-999   | Driver Gear Assembly   |
| 9    | 81-4414-0308-036   | Screw, Tailpiece Plate, #6 x 3/8", PHT-T-PH (2)  |
| 10   | 60-7000-0611-059<br>60-7000-0213-059                     | Tailpiece Assembly 1-3/4" Door Without Shim Kit 2" - 2-1/4" Door or Std. Door with Shim Kit        |
| 11   | 60-7000-1328-048   | Gear, Drive<br>603F, 626F, 628F (1)<br>629F (2)  |
| 12   | 60-7000-6220-999   | Universal Spring Hub, Lever  |
| 14   | 99-9958-0047-999   | Cotter Pin   |
| 15   | 99-9999-3516-999   | Nut, Spindle   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon<br>(Levers) <b>Not Shown</b>   |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (2) Washer, #14 Finish (2) |
| 18   | 60-7000-1220-999   | Spring, Grip Return<br>Levers, Universal Spring  |
| 19   | 60-7000-1306-999   | Spring <b>Not Shown</b> Under Tailpiece  |
| 20   | 60-7000-1365-999   | Hex Nut / Bushing for Spring Not Shown   |
| 21   | 60-7000-1236-059   | Washer Under Tailpiece (2)<br>Not Shown  |

<sup>\*</sup>See page 50 for cylinder collar applications.



## 603F, 626F, 628F, 629F TRIM

## Compatible with 1500, 1800, 2100, 6000 and 7000 Series Wide Stile Exit Devices



(Passage)

Active

Lever or

(DT) Free

Wheeling

Lever

628F

(DT)

Rigid

Lever

02

629F

Access

by Key

and

Lever

09

626F

Cylinder

Controls

Lever

08

626F

Cylinder

Controls

Thumbturn

11/12

603F



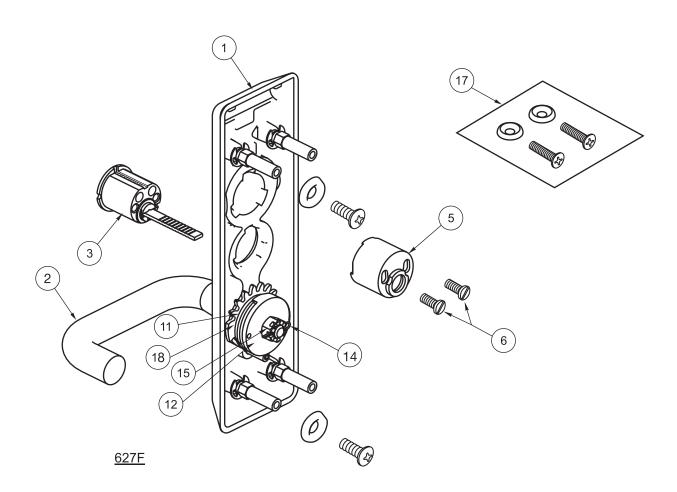
## 627F TRIM

| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0705-FIN   | Escutcheon Assy. 627F  |
| 2    | See Chart pages 48-49                                    | Lever  |
| 3    | See Chart page 50  | Cylinder, Rim*   |
| 5    | 60-2000-6206-082   | Housing, Cylinder  |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 11   | 60-7000-1328-048   | Gear, Drive  |
| 12   | 60-7000-6220-999   | Universal Spring Hub, Lever  |
| 14   | 99-9958-0047-999   | Cotter Pin   |
| 15   | 99-9999-3516-999   | Nut, Spindle   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon (Levers) Not Shown   |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following:  Screw, 1/4-20 x 1" OPHMS (2)  Washer, #14 Finish (2) |
| 18   | 60-7000-1220-999   | Spring, Grip Return<br>Levers, Universal Spring  |

<sup>\*</sup>See page 50 for cylinder collar applications.

#### 627F TRIM

Compatible with 1500, 1800, 2100, 6000 and 7000 Series Wide Stile Exit Devices



Revised Illustrations Coming Soon. Contact Technical Support with any questions.





## 690F, 691F TRIM

Compatible with 6000 and 7000 Series Wide Stile Exit Devices

Information Coming Soon.
Contact Technical Product Support at techsupport.accentra@assaabloy.com for details.



## 690F, 691F TRIM

Compatible with 6000 and 7000 Series Wide Stile Exit Devices

Information Coming Soon.
Contact Technical Product Support at techsupport.accentra@assaabloy.com for details.



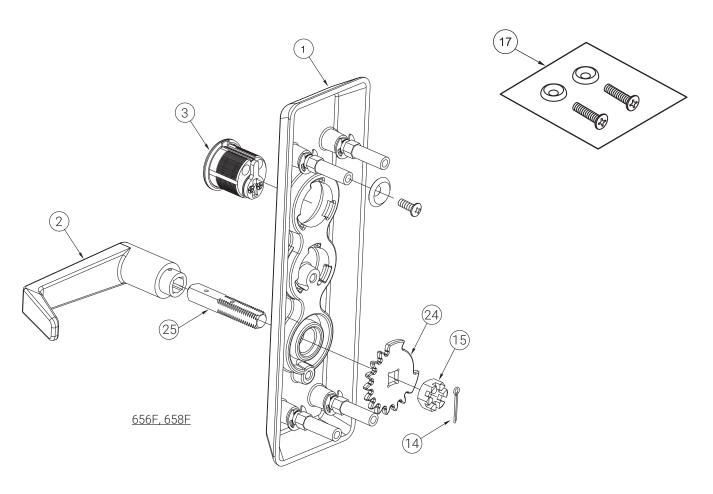
## 656F, 658F TRIM

| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0703-FIN<br>60-7000-0702-FIN                     | Escutcheon Assembly<br>Cylinder x Lever (656F)<br>Blank x Lever (658F)                             |
| 2    | See Chart pages 48-49                                    | Lever  |
| 3    | See Chart Page 50  | Cylinder, Mortise*   |
| 14   | 99-9958-0047-999   | Cotter Pin   |
| 15   | 99-9999-3518-999   | Nut, Spindle   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon<br>(Levers) <b>Not Shown</b>   |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (2) Washer, #14 Finish (2) |
| 24   | 60-7000-1328-048   | Gear   |
| 25   | 60-7030-1045-048<br>60-7030-1026-048                     | Spindle<br>1-3/4" - 2-1/4"<br>2-1/4" - 3"  |

<sup>\*</sup> See page 50 for cylinder collar applications

## 656F, 658F TRIM

## Compatible with 6000 and 7000 Series Wide Stile Exit Devices



Revised Illustrations Coming Soon.
Contact Technical Support with any questions.

|                               | R                      |  |
|-------------------------------|------------------------|--|
| Cylinder<br>Controls<br>Lever | (DT)<br>Rigid<br>Lever | (Passage) Active Lever or (DT) Free Wheeling Lever |
| 08/09                         | 02                     | _  |
| 656F                          | 658F                   | 658F   |



356F, 358F TRIM

Compatible with 1500 Series Wide Stile Exit Devices

Information Coming Soon.
Contact Technical Product Support at techsupport.accentra@assaabloy.com for details.



### 356F, 358F TRIM

Compatible with 1500 Series Wide Stile Exit Devices

Information Coming Soon.
Contact Technical Product Support at techsupport.accentra@assaabloy.com for details.

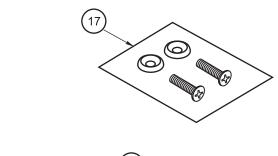


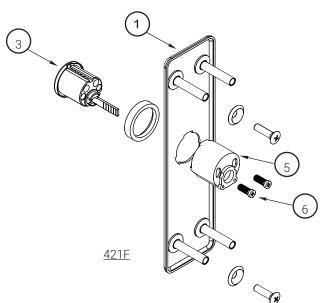
## 420F, 421F TRIM

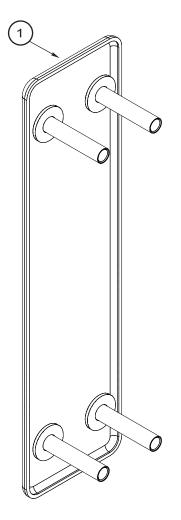
## Compatible with 1500, 1800, 2100, 6000 and 7000 Series Wide Stile Exit Devices

| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0141-FIN<br>60-7000-0145-FIN                     | Escutcheon Assembly<br>420F<br>421F  |
| 3    | See Chart page 50  | Cylinder, Rim*   |
| 5    | 60-2000-6206-082   | Housing Cylinder   |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (2) Washer, #14 Finish (2) |

<sup>\*</sup>See page 50 for cylinder collar applications.







420F

|       | (EO)<br>Blank Plate | Access by<br>Key |
|-------|---------------------|------------------|
| ANSI# | 01                  | 03               |
| Trim  | 420F                | 421F             |



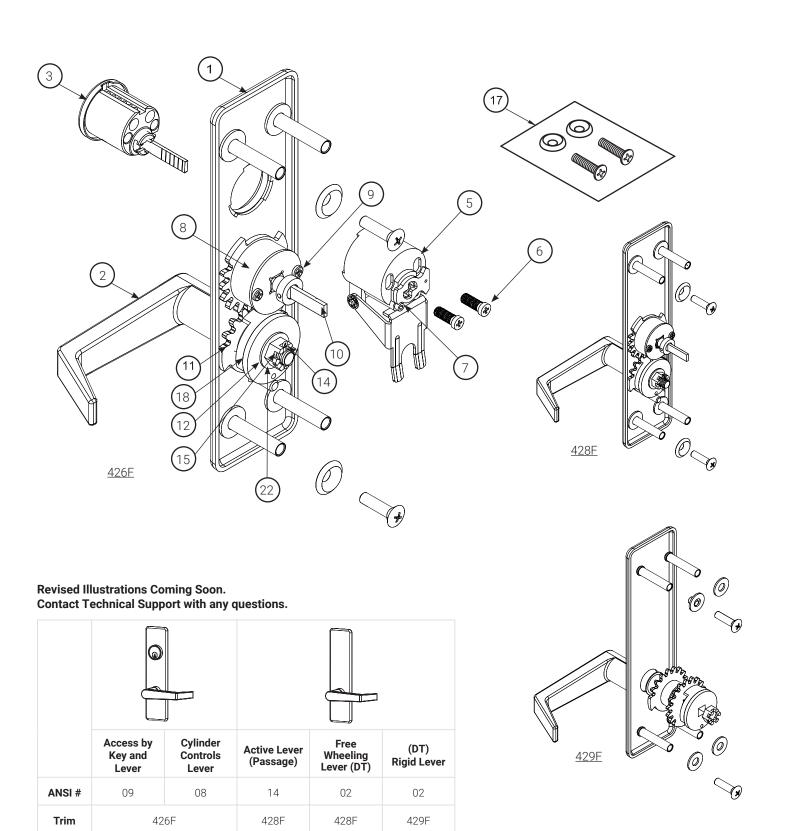
## 426F, 428F, 429F TRIM

| ltem | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0416-FIN<br>60-7000-0417-FIN                     | Escutcheon Assembly<br>426F<br>428F, 429F  |
| 2    | See Charts pages 48-49                                   | Lever Assy.  |
| 3    | See Chart page 50  | Cylinder, Rim*   |
| 5    | 60-7000-0215-000   | Housing, Cylinder  |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 7    | 81-0016-2200-999   | Screw, NL  |
| 8    | 60-7000-0046-000   | Driver Gear Assembly   |
| 9    | 81-4414-0308-036   | Screw, Tailpiece Plate, #6 x 3/8", PHT-T-PH (2)  |
| 10   | 60-7000-0216-059<br>60-7000-0217-059                     | Tailpiece Assembly<br>1-3/4" Door Without Shim Kit<br>2" - 2-1/4" Door or Std. Door with Shim Kit  |
| 11   | 60-7000-1328-048   | Gear, Drive<br>426F, 428F (1)<br>429F (2)  |
| 12   | 60-7000-6220-999   | Universal Spring Hub, Lever  |
| 14   | 99-9958-0047-999   | Cotter Pin   |
| 15   | 99-9999-3516-999   | Nut, Spindle   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon (Not Shown)  |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (2) Washer, #14 Finish (2) |
| 18   | 60-7000-1220-999   | Spring, Grip Return<br>Levers, Universal Spring  |
| 19   | 60-7000-1306-999   | Spring Under Tailpiece (Not Shown)   |
| 21   | 60-7000-1236-059   | Washer Under Tailpiece (2) (Not Shown)   |
| 22   | 60-7000-1237-999   | Washer Gear  |
| 23   | 60-7000-1305-059   | Bushing (Not Shown)  |
| 24   | 60-7000-X055-FIN   | Front Bearing (Not Shown)  |

<sup>\*</sup>See page 50 for cylinder collar applications.



## 426F, 428F, 429F TRIM





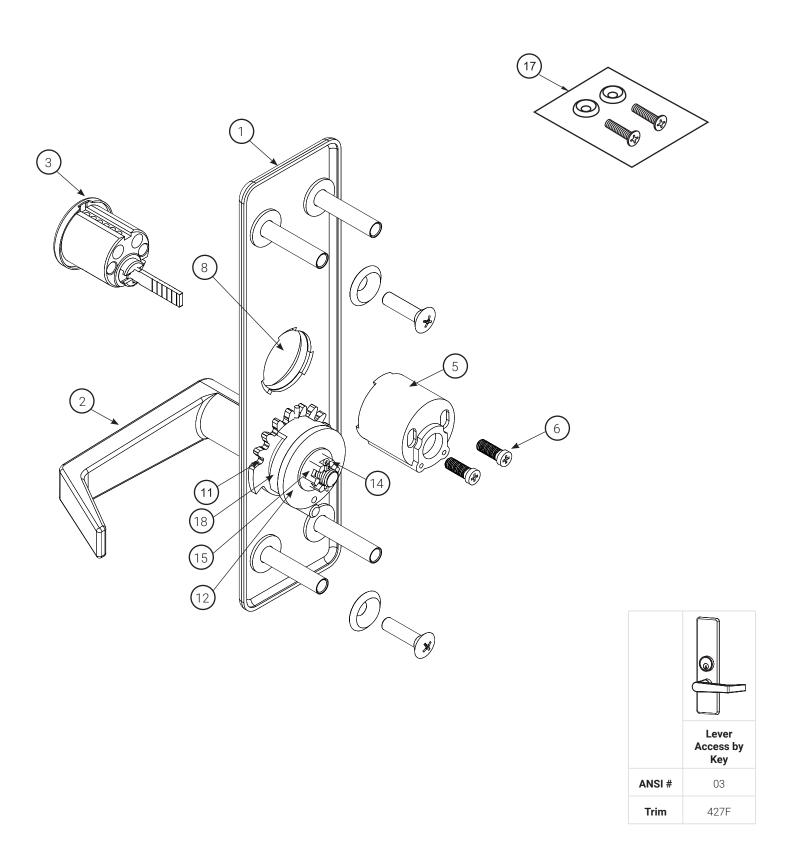
#### **427F TRIM**

| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0526-FIN   | Escutcheon Assembly<br>427F  |
| 2    | See Charts pages 48-49                                   | Lever Assy.  |
| 3    | See Chart page 50  | Cylinder, Rim*   |
| 5    | 60-2000-6206-048   | Housing cylinder   |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 11   | 60-7000-1328-048   | Gear, Drive  |
| 12   | 60-7000-6220-999   | Universal Spring Hub, Lever  |
| 14   | 99-9958-0047-999   | Cotter Pin   |
| 15   | 99-9999-3516-999   | Nut, Spindle   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon (Levers) (Not Shown)   |
| 17   | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (2) Washer, #14 Finish (2) |
| 18   | 60-7000-1220-999   | Spring, Grip Return<br>Levers, Universal Spring  |
| 19   | 60-7000-X055-FIN   | Front Bearing  |
| 20   | 60-7000-1236-059   | Washer Under Tailpiece (2) (Not Shown)   |

<sup>\*</sup>See page 50 for cylinder collar applications.



#### **427F TRIM**





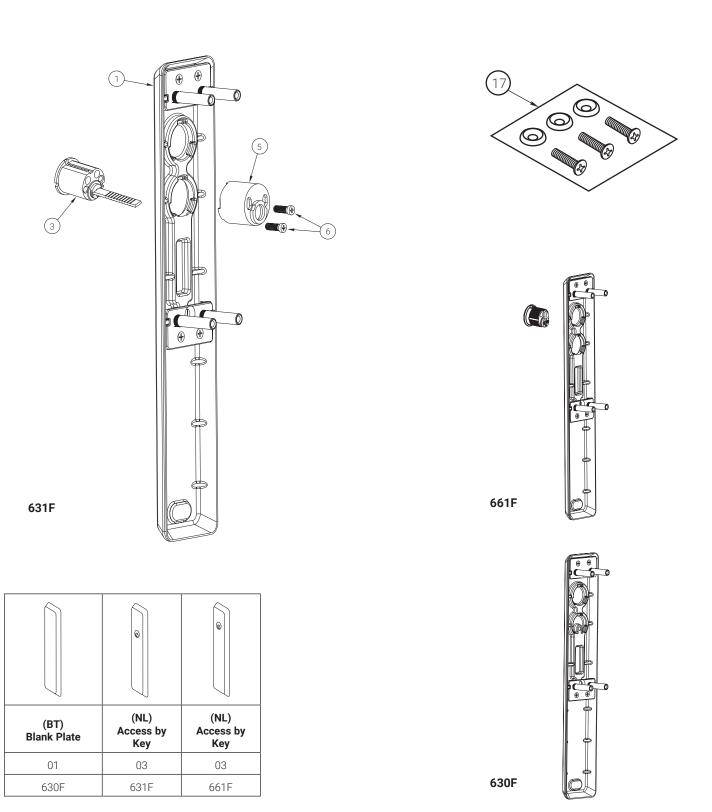
## 630F, 631F, 661F TRIM

| ltem | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0710-FIN<br>60-7000-0712-FIN<br>60-7000-0716-FIN | Escutcheon Assembly<br>630F<br>631F<br>661F  |
| 3    | See Chart Page 50  | Cylinder, Mortise or Rim*  |
| 5    | 60-2000-6206-082   | Housing, Cylinder, Rim   |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mtg. (2)   |
| 17   | 81-9500-1415-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (3) Washer, #14 Finish (3) |
| 38   | 60-0010-X639-FIN   | Pull, Straight   |

<sup>\*</sup>See page 50 for cylinder collar applications.



## 630F, 631F, 661F TRIM





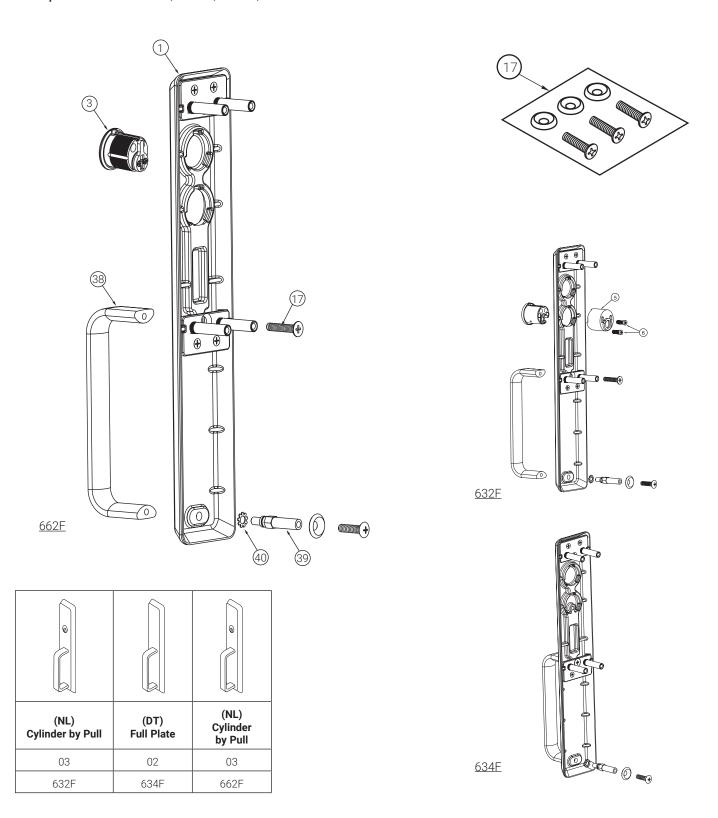
## 632F, 634F, 662F TRIM

| ltem | Part No.   | Description   |
|------|--|---|
| 1    | 60-7000-0713-FIN<br>60-7000-0711-FIN<br>60-7000-0717-FIN | Escutcheon Assembly<br>632F<br>634F<br>662F   |
| 3    | See Chart Page 50  | Cylinder, Mortise or Rim*   |
| 5    | 60-2000-6206-082   | Housing, Cylinder   |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mtg. (2)  |
| 17   | 81-9500-1415-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following:  1/4-20 x1" (3) OHPMS  Washer #14 Finish (3) |
| 38   | 60-0010-X639-FIN   | Pull, Straight  |
| 39   | 60-7000-1039-048   | Screw Post  |
| 40   | 99-9999-7154-036   | Lock Washer, Screw Post   |

<sup>\*</sup>See page 50 for cylinder collar applications.



## 632F, 634F, 662F TRIM





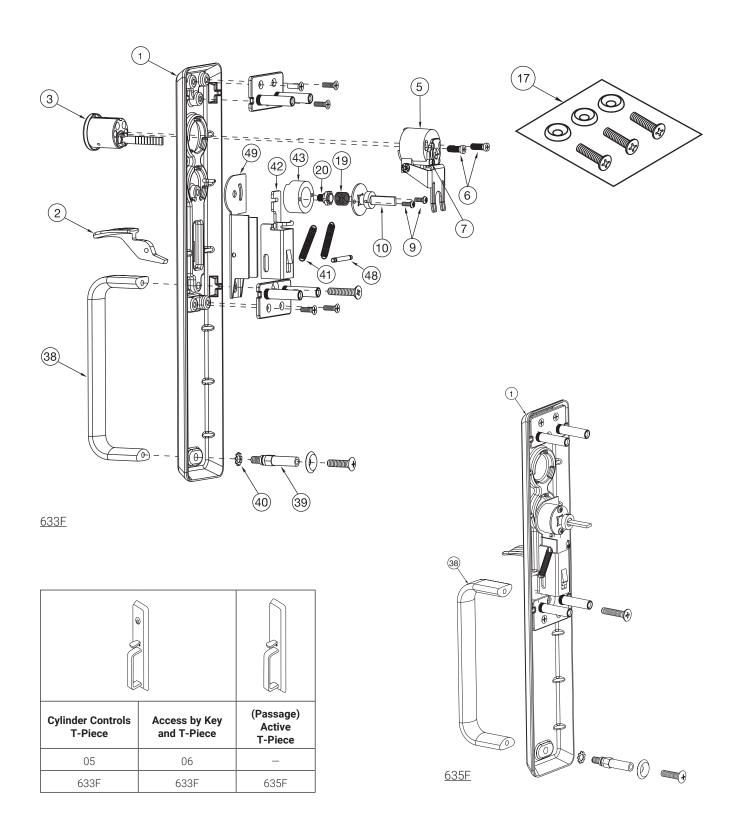
## 633F, 635F TRIM

| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0715-FIN<br>60-7000-0714-FIN                     | Escutcheon Assembly<br>633F<br>635F  |
| 2    | 60-7000-X501-FIN   | Thumbpiece   |
| 3    | See Chart Page 50  | Cylinder, Rim* (633F)  |
| 5    | 60-7000-0215-000   | Housing & Cam Assembly   |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 7    | 81-0016-2200-999   | Screw, NL Function   |
| 9    | 81-4414-0308-036   | Screw, Tailpiece Plate, #6 x 3/8 PHT-T-PH (2)  |
| 10   | 60-7000-0611-059   | Tailpiece Assembly   |
| 17   | 81-9500-1415-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following:  Screw, 1/4-20 x 1" OPHMS (3)  Washer, #14 Finish (3) |
| 19   | 60-7000-1306-999   | Spring Under Tailpiece   |
| 20   | 60-7000-1305-999   | Hex Nut/Bushing for Spring   |
| 38   | 60-0010-X639-FIN   | Pull, Straight   |
| 39   | 60-7000-1039-048   | Screw Post   |
| 40   | 99-9999-7154-036   | Lock Washer, Screw Post  |
| 41   | 99-9999-5697-999   | Spring, Thumbpiece (2)   |
| 42   | 60-7000-1190-059   | Slider, Thumbpiece   |
| 43   | 60-7000-0214-000   | Housing, Tailpiece Assy.   |
| 48   | 60-7000-1045-059   | Pin, Thumbpiece  |
| 49   | 60-7000-1189-059   | Thumbpiece Support Bracket   |

<sup>\*</sup> See page 50 for cylinder collar applications.



## 633F, 635F TRIM





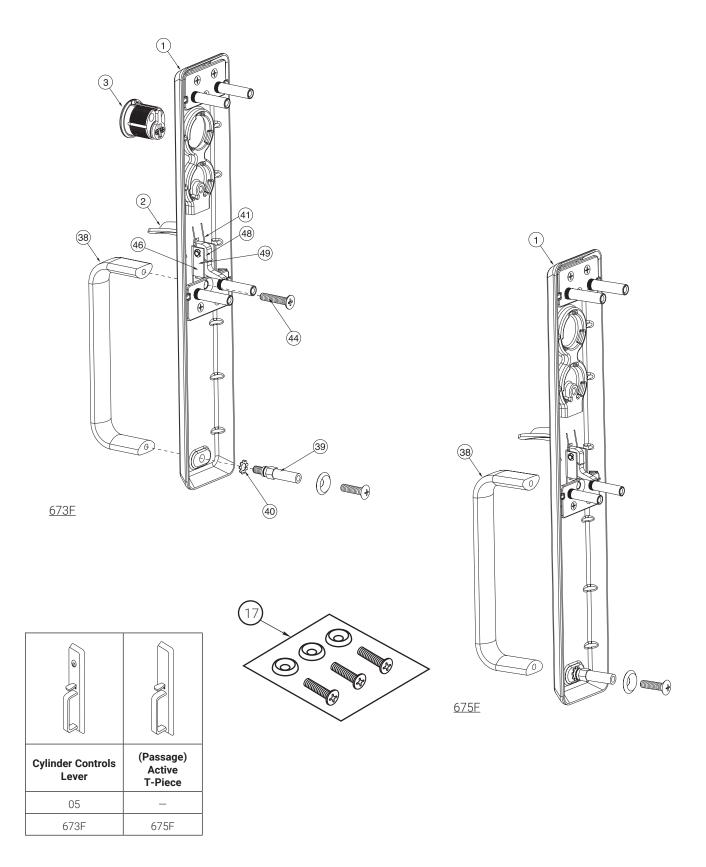
## 673F, 675F TRIM

| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7000-0718-FIN<br>60-7000-0717-FIN                     | Escutcheon Assembly<br>673F<br>675F  |
| 2    | 60-1530-X114-FIN   | Thumbpiece   |
| 3    | See Chart Page 50  | Cylinder, Mortise* 673F  |
| 17   | 81-9500-1415-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (3) Washer, #14 Finish (3) |
| 38   | 60-0010-X639-FIN   | Pull, Straight   |
| 39   | 60-7000-1039-048   | Screw Post   |
| 40   | 99-9999-7154-036   | Lock Washer, Screw Post  |
| 41   | 60-1530-1133-999   | Spring, Thumbpiece   |
| 44   | 81-0011-0674-036   | Screw, 1/4-20 x 1-1/4 FHPMS  |
| 45   | 60-7000-1460-048   | Thumbpiece, Trim Spacer (Not Shown)  |
| 46   | 60-1500-1806-059   | Bracket, Thumbpiece  |
| 48   | 60-1500-7244-000   | Pin, Thumbpiece  |
| 49   | 99-9999-4517-999   | Tru-Arc Ring (2)   |

<sup>\*</sup>See page 50 for cylinder collar applications.



## 673F, 675F TRIM



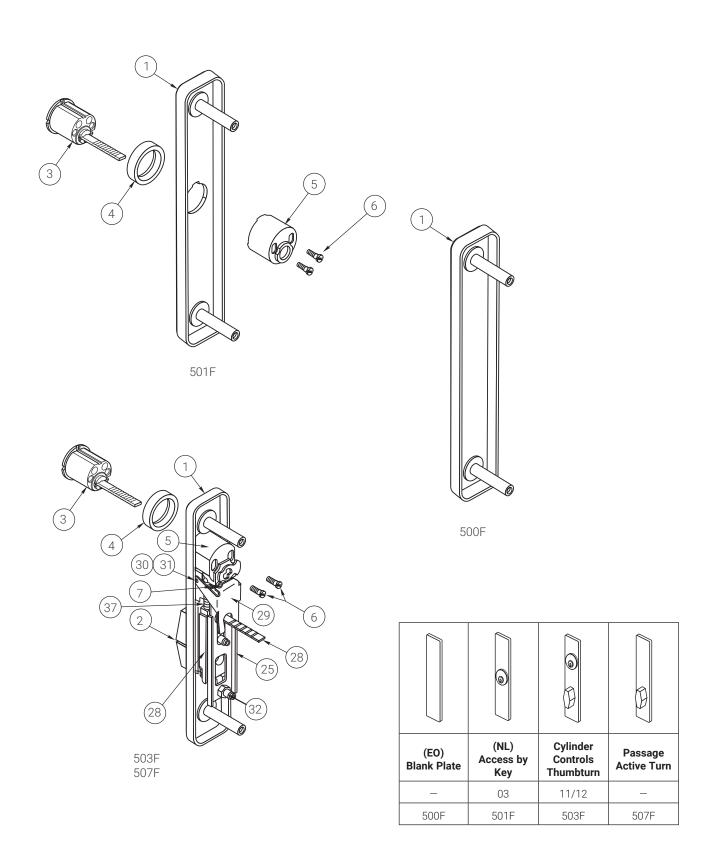


## 500F, 501F, 503F, 507F TRIM

| Item | Part No.   | Description   |
|------|--|---|
| 1    | 60-7200-0151-FIN<br>60-7200-0123-FIN<br>60-7200-0161-FIN<br>60-7200-0160-FIN | Escutcheon Assembly 500F 501F 503F 507F                           |
| 2    | 60-7200-0156-FIN   | Thumbturn / Spindle Assembly                                      |
| 3    | See Chart Page 50  | Cylinder, Rim   |
| 4    | See Chart Page 50  | Collar, Cylinder  |
| 5    | 60-7200-0159-000<br>60-7200-6145-082<br>60-2000-6206-082                     | Housing & Cam Assembly<br>503F<br>507F<br>501F, Housing, Cylinder |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)                                      |
| 7    | 81-0016-2200-999   | Screw, NL Function  |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon <b>Not Shown</b>                            |
| 19   | 60-7000-1306-999   | Spring Under Tailpiece for 503F, 507F Not Shown                   |
| 25   | 60-7200-1120-059   | Plate, Cover  |
| 28   | 60-7200-0360-000   | Rack & Tailpiece Assembly   |
| 29   | 60-7200-1147-059   | Lever, Clutch (503F)  |
| 30   | 60-7200-1083-059   | Pin, Clutch Lever (503F)  |
| 31   | 99-9999-4617-999   | Retainer, Clutch Lever Pin (2) (503F)                             |
| 32   | 99-9999-3508-036   | Nut, Cover Plate (2)  |
| 33   | 60-7200-1142-000   | Hub Not Shown   |
| 34   | 99-9999-0246-999   | Bushing, Nylon <b>Not Shown</b>                                   |
| 35   | 60-7200-1104-059   | Washer, Grip <b>Not Shown</b>                                     |
| 36   | 81-0611-0410-036   | Screw, 8-32 x 7/16 Spindle <b>Not Shown</b>                       |
| 37   | 60-7200-1133-000   | Spring, Rack (2)  |



## 500F, 501F, 503F, 507F TRIM



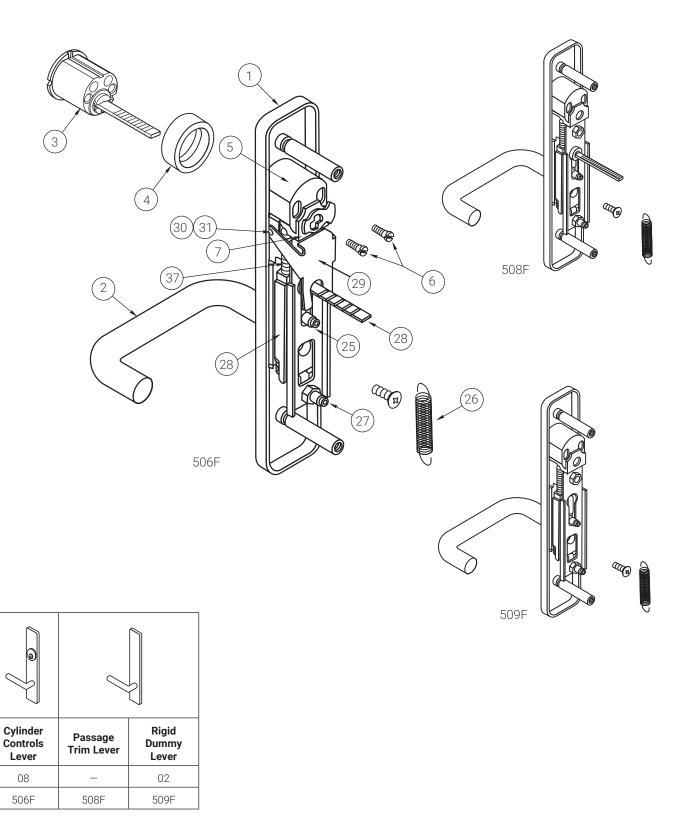


## 506F, 508F, 509F TRIM

| ltem | Part No.                             | Description   |
|------|--------------------------------------|---|
| 1    | 60-7200-0161-FIN<br>60-7200-0160-FIN | Escutcheon Assembly<br>506F<br>508F, 509F                 |
| 2    | See Chart pages 48-49                | Lever   |
| 3    | See Chart Page 50                    | Rim Cylinder  |
| 4    | See Chart Page 50                    | Cylinder Collar   |
| 5    | 60-7200-0159-000<br>60-7200-6145-082 | Housing & Cam Assembly<br>506F-Housing,Cyl.<br>508F, 509F |
| 6    | 60-7000-1235-048                     | Screw, Cylinder Mounting (2)                              |
| 7    | 81-0016-2200-999                     | Screw, NL Function  |
| 16   | 60-7000-9001-999                     | Thimble Insert, Nylon <b>Not Shown</b>                    |
| 19   | 60-7000-1306-999                     | Spring Under Tailpiece <b>Not Shown</b>                   |
| 25   | 60-7200-1120-059                     | Plate, Cover  |
| 26   | 99-9999-5702-999                     | Spring, Extension   |
| 27   | 60-7200-1125-059                     | Nut, Spring Post  |
| 28   | 60-7200-0164-000                     | Rack & Tailpiece Assy.                                    |
| 29   | 60-7200-1147-059                     | Lever, Clutch   |
| 30   | 60-7200-1083-059                     | Pin, Clutch Lever   |
| 31   | 99-9999-4617-999                     | Retainer, Clutch Lever Pin (2)                            |
| 32   | 99-9999-3508-036                     | Nut, Cover Plate (2) <b>Not Shown</b>                     |
| 33   | 60-7200-1142-000                     | Hub Not Shown   |
| 34   | 99-9999-0246-999                     | Bushing, Nylon <b>Not Shown</b>                           |
| 35   | 60-7200-1104-059                     | Washer, Grip <b>Not Shown</b>                             |
| 36   | 81-0611-0410-036                     | Screw, 8-32 x 7/16, Spindle <b>Not Shown</b>              |
| 37   | 60-7200-1134-000                     | Spring, Rack (2)  |



## 506F, 508F, 509F TRIM





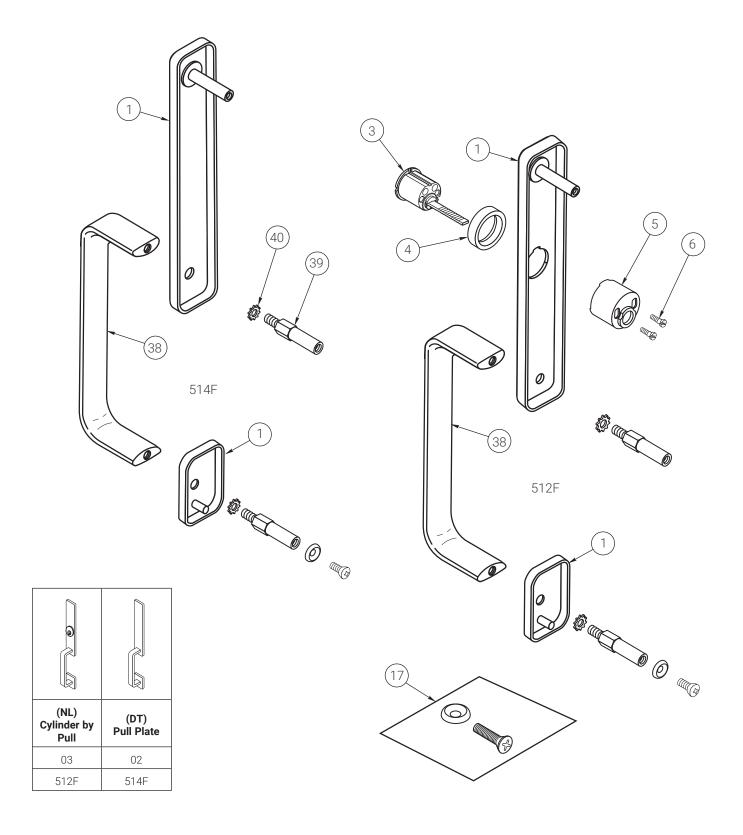
**Exit Device Trim and Mullions** 

## 512F, 514F TRIM

| ltem | Part No.   | Description  |
|------|--|--|
| 1    | 60-7200-0165-FIN<br>60-7200-0172-FIN<br>60-7200-0120-FIN | Escutcheon Assembly<br>512F Top<br>514F Top<br>Bottom  |
| 3    | See Chart Page 50  | Cylinder, Rim  |
| 4    | See Chart Page 50  | Collar, Cylinder   |
| 5    | 60-2000-6206-082   | Housing, Cylinder  |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 17   | 81-9500-1476-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following:  Screw, 1/4-20 x 1" OPHMS (1)  Washer, #14 Finish (1) |
| 38   | 60-7200-X136-FIN   | Pull, Offset   |
| 39   | 60-7000-1039-048   | Screw Post (2)   |
| 40   | 99-9999-7154-036   | Lockwasher, Screw Post (2)   |



**512F, 514F TRIM**Compatible with 6000 and 7000 Series Narrow Stile Exit Devices





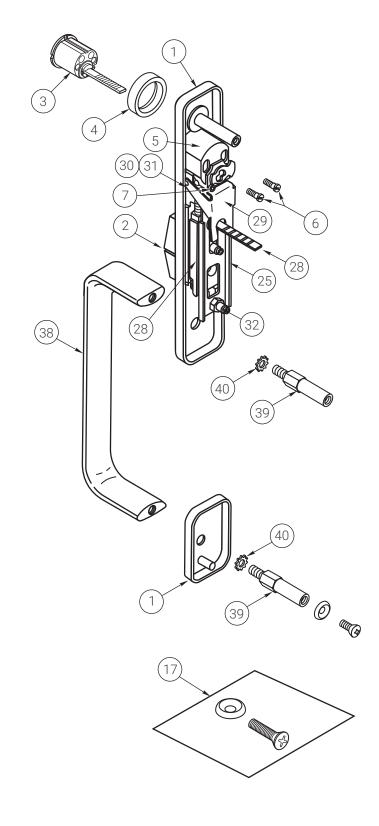
## 513F, 517F TRIM

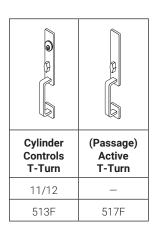
| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7200-0170-FIN<br>60-7200-0169-FIN<br>60-7200-0120-FIN | Escutcheon Assembly 513F Top 517F Top Bottom   |
| 2    | 60-7200-0156-FIN   | Thumbturn/Spindle Assy.  |
| 3    | See Chart Page 50  | Cylinder, Rim  |
| 4    | See Chart Page 50  | Collar, Cylinder   |
| 5    | 60-7200-0159-000<br>60-7200-6145-082                     | Housing , Cylinder<br>513F<br>517F   |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 7    | 81-0016-2200-999   | Screw, NL Function   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon <b>Not Shown</b>   |
| 17   | 81-9500-1476-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw, 1/4-20 x 1" OPHMS (1) Washer, #14 Finish (1) |
| 19   | 60-7000-1306-999   | Spring Under Tailpiece 513F <b>Not Shown</b>   |
| 25   | 60-7200-1120-059   | Plate, Cover   |
| 28   | 60-7200-0164-000   | Rack & Tailpiece Assy  |
| 29   | 60-7200-1147-059   | Lever, Clutch (513F)   |
| 30   | 60-7200-1083-059   | Pin, Clutch Lever (513F)   |
| 31   | 99-9999-4617-999   | Retainer, Clutch Lever Pin (2) (513F)  |
| 32   | 99-9999-3508-036   | Nut, Cover Plate (2)   |
| 33   | 60-7200-1142-000   | Hub (Not Shown)  |
| 34   | 99-9999-0246-999   | Bushing, Nylon <b>Not Shown</b>  |
| 35   | 60-7200-1104-059   | Washer, Grip Not Shown   |
| 37   | 60-7200-1133-000   | Spring, Rack (2) Not Shown   |
| 38   | 60-7200-X136-FIN   | Pull, Offset   |
| 39   | 60-7000-1039-048   | Screw Post (2)   |
| 40   | 99-9999-7154-036   | Lockwasher, Screw Post (2)   |
| 50   | 99-9958-0044-999   | Pin, 5/32 x 1-1/8, Groove <b>Not Shown</b>   |



# 513F, 517F TRIM

# Compatible with 6000 and 7000 Series Narrow Stile Exit Devices







# 518F, 519F TRIM

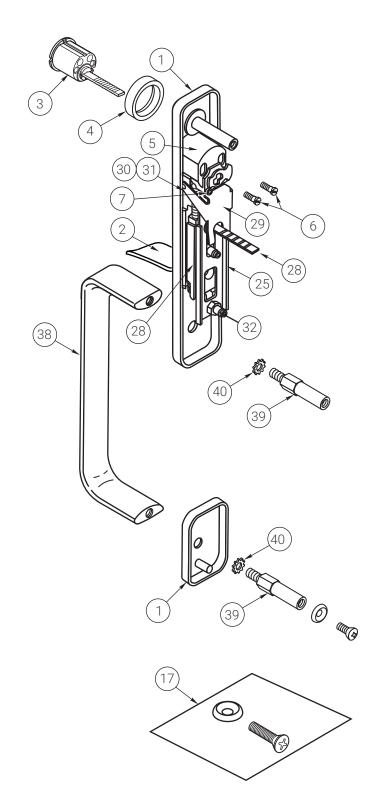
# Compatible with 6000 and 7000 Series Narrow Stile Exit Devices

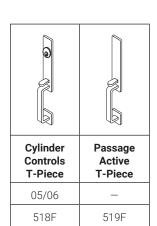
| Item | Part No.   | Description  |
|------|--|--|
| 1    | 60-7200-0162-FIN<br>60-7200-0163-FIN<br>60-7200-0120-FIN | Escutcheon Assembly<br>519F Top<br>518F Top<br>Bottom  |
| 2    | 60-7000-X192-FIN   | Thumbpiece   |
| 3    | See Chart Page 50  | Cylinder, Rim  |
| 4    | See Chart Page 50  | Collar, Cylinder   |
| 5    | 60-7200-0361-000   | Housing, Cylinder  |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mounting (2)   |
| 7    | 81-0016-2200-999   | Screw, NL Function   |
| 16   | 60-7000-9001-999   | Thimble Insert, Nylon <b>Not Shown</b>   |
| 17   | 81-9500-1476-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following:  Screw, 1/4-20 x 1" OPHMS (1)  Washer, #14 Finish (1) |
| 19   | 60-7000-1306-999   | Spring Under Tailpiece 518F Not Shown  |
| 25   | 60-7200-1120-059   | Plate, Cover   |
| 28   | 60-7200-0360-000   | Rack & Tailpiece Assy  |
| 29   | 60-7200-1147-059   | Lever, Clutch (518F)   |
| 30   | 60-7200-1083-059   | Pin, Clutch Lever (518F)   |
| 31   | 99-9999-4617-999   | Retainer, Clutch Lever Pin (2) (518F)  |
| 32   | 99-9999-3508-036   | Nut, Cover Plate (2)   |
| 33   | 60-7200-1142-000   | Hub Not Shown  |
| 35   | 60-7200-1104-059   | Washer, Grip <b>Not Shown</b>  |
| 37   | 60-7200-1133-000   | Spring, Rack (2) Not Shown   |
| 38   | 60-7200-X136-FIN   | Pull, Offset   |
| 39   | 60-7000-1039-048   | Screw Post (2)   |
| 40   | 99-9999-7154-036   | Lockwasher, Screw  |
| 50   | 99-9958-0044-999   | Pin, 5/32 x 1-1/8, Groove <b>Not Shown</b>   |



# 518F, 519F TRIM

# Compatible with 6000 and 7000 Series Narrow Stile Exit Devices

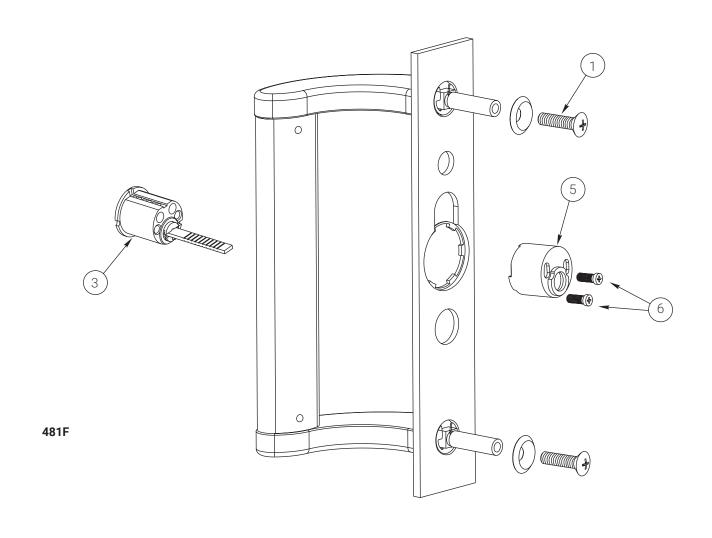


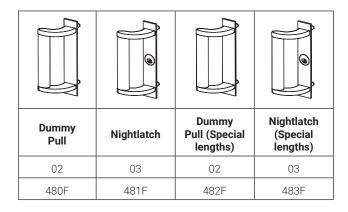




### 480F, 481F, 482F, 483F TRIM

### Compatible with 1800, 2100, 6000 and 7000 Series Wide & Narrow Stile Exit Devices



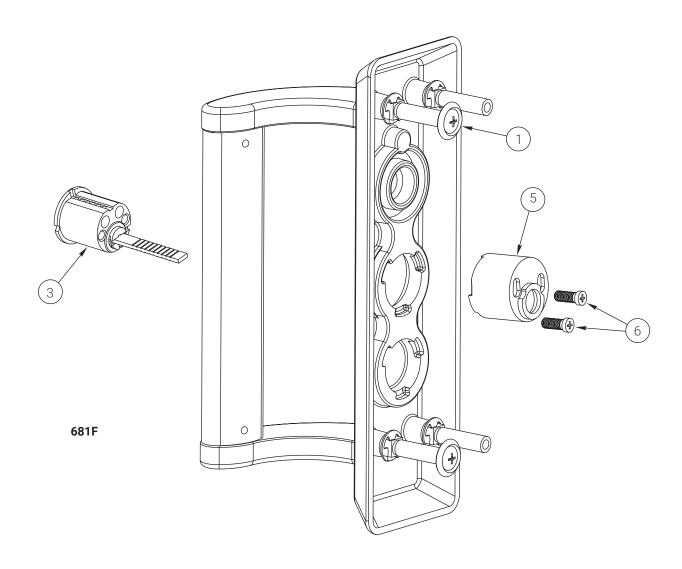


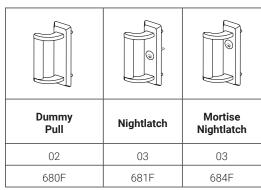
| Item | Part No.   | Description   |
|------|--|---|
| 1    | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw 1/4-20 x 1" OPHMS(2) Washer #14 Finish (2) |
| 3    | See Chart Page 50  | Cylinder, Rim   |
| 5    | 60-2000-6206-082   | Housing, Cylinder (481F)  |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mtg. (2)  |

Note: Handle and Escutcheon sold as assembly only.

# 680F, 681F, 684F TRIM

# Compatible with 1800, 2100, 6000 and 7000 Series Wide Stile Exit Devices





| Item | Part No.   | Description   |
|------|--|---|
| 1    | 81-9500-1404-FIN<br>81-0013-0670-FIN<br>99-9999-X156-FIN | Screw Packet, Mtg.  Consists of the following: Screw 1/4-20 x 1" OPHMS(2) Washer #14 Finish (2) |
| 3    | See Chart Page 50  | Cylinder, Rim or Mortise  |
| 5    | 60-2000-6206-082   | Housing, Cylinder (681F)  |
| 6    | 60-7000-1235-048   | Screw, Cylinder Mtg. (2)  |

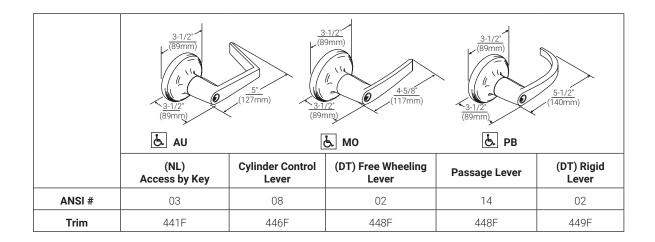
Note: Handle and Escutcheon sold as assembly only.

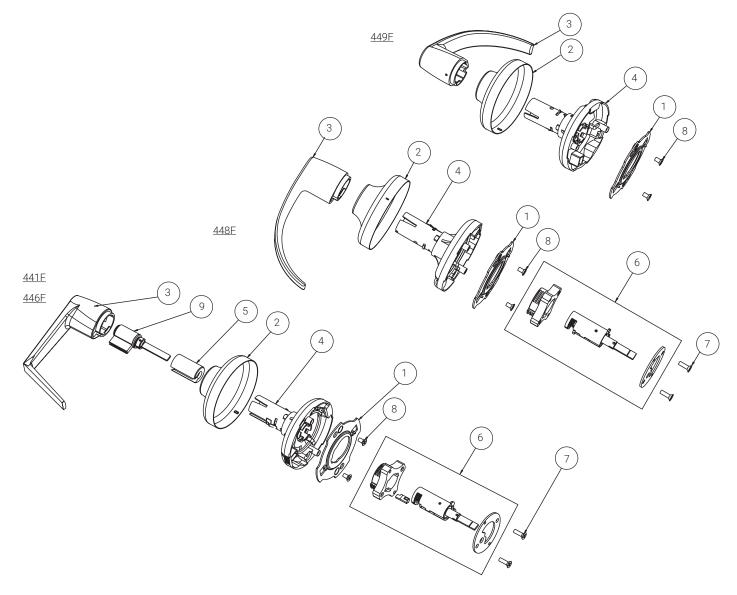


### 441F, 446F, 448F, 449F TRIM

| ltem | Part No.   | Description  |
|------|--|--|
| 1    | 14-5300-0030-010   | Rose Plate   |
| 2    | 14-5300-2024-FIN   | Rose Scalp   |
| 3    | 14-5301-6040-FIN 14-5301-6902-FIN 14-5301-6054-FIN 14-5305-6056-FIN 14-5305-6054-FIN 14-5305-0006-FIN 14-5305-0014-FIN 14-5305-0018-FIN 14-5305-0026-FIN 14-5305-0022-FIN 14-5305-0012-FIN 14-5305-0012-FIN 14-5305-0024-FIN 14-5305-0009-FIN 14-5305-0009-FIN 14-5305-00013-FIN 14-5305-0021-FIN 14-5305-0025-FIN | Lever Plain AU - Augusta MO - Monroe PB - Pacific Beach Cylinder AU - Augusta MO - Monroe PB - Pacific Beach LFIC 6 Pin 1-3/4" Door AU - Augusta MO - Monroe PB - Pacific Beach LFIC 6 Pin 2-1/4" Door AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin 1-3/4" Door AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin 2-1/4" Door AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin 2-1/4" Door AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin 2-1/4" Door AU - Augusta MO - Monroe PB - Pacific Beach Schlage® LFIC 6 Pin 1-3/4" Door AU - Augusta PB - Pacific Beach Schlage® LFIC 6 Pin 2-1/4" Door AU - Augusta PB - Pacific Beach Schlage® LFIC 6 Pin 2-1/4" Door AU - Augusta PB - Pacific Beach Schlage® LFIC 6 Pin 1-3/4" Door AU - Augusta PB - Pacific Beach |
| 4    | 14-5303-0001-048<br>14-0355-0003-048   | Rose Support Assy<br>441F, 446F, 448F<br>449F  |
| 5    | 14-5305-9078-999   | Spacer   |
| 6    | 60-7000-0170-048<br>60-7000-0169-048<br>60-7000-0168-048   | Spindle Assy<br>441F<br>446F<br>448F   |
| 7    | 81-3711-0412-048   | 8-32 X 1/2" FHPMS (2)  |
| 8    | 81-9500-1520-048   | Screw Pack   |
| 9    | See Chart Page 50  | Cylinder   |

### 441F, 446F, 448F, 449F TRIM





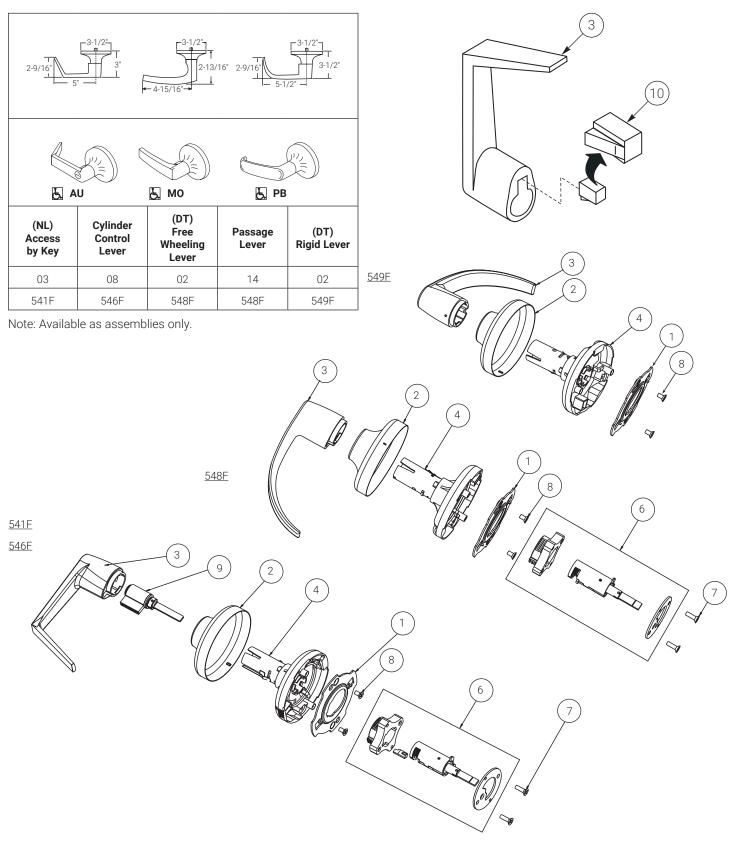


# 541F, 546F, 548F, 549F TRIM

| ltem        | Part No.   | Description  |
|-------------|--|--|
| 1           | 14-5400-1051-048   | Rose Plate   |
| 2           | 14-5401-2711-FIN   | Rose Scalp   |
| 3           | 14-5401-6063-FIN 14-5401-6064-FIN 14-5401-6062-FIN 14-5407-6038-FIN 14-5407-6042-FIN 14-5407-6062-FIN 14-5417-6021-FIN 14-5417-6030-FIN 14-5417-6031-FIN 14-5417-6031-FIN 14-5417-6041-FIN 14-5417-6041-FIN 14-5417-6042-FIN 14-5417-6059-FIN 14-5417-6060-FIN 14-5417-6060-FIN 14-5417-6060-FIN | Lever Plain AU - Augusta MO - Monroe PB - Pacific Beach Cylinder AU - Augusta MO - Monroe PB - Pacific Beach LFIC 6 Pin AU - Augusta MO - Monroe PB - Pacific Beach LFIC 7 Pin AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin AU - Augusta MO - Monroe PB - Pacific Beach SChlage® LFIC 6 Pin AU - Augusta MO - Monroe PB - Pacific Beach Schlage® LFIC 6 Pin AU - Augusta MO - Monroe PB - Pacific Beach ASSA/Medeco LFIC AU - Augusta |
| 4           | 60-7000-4005-999<br>60-7000-4015-999   | Rose Support Assy<br>541F, 546F, 548F<br>549F  |
| 6           | 60-7000-0170-048<br>60-7000-0169-048<br>60-7000-0168-048   | Spindle Assy<br>541F<br>546F<br>548F   |
| 7           | 81-3812-0408-059   | 8-32 X 3/8" PFHUCMS (2)  |
| 8           | 81-9500-1520-048   | Screw Pack   |
| 9           | See Chart Page 50  | Cylinder   |
| 10          | 14-5407-9034-999   | Lever Insert   |
| Nat Observe | 14-5401-9580-999   | Spring Pad Spacer 548F, 549F   |
| Not Shown   | 14-5407-1102-000   | Lever Removal Tool   |



# 541F, 546F, 548F, 549F TRIM

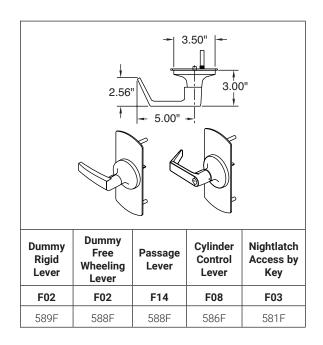


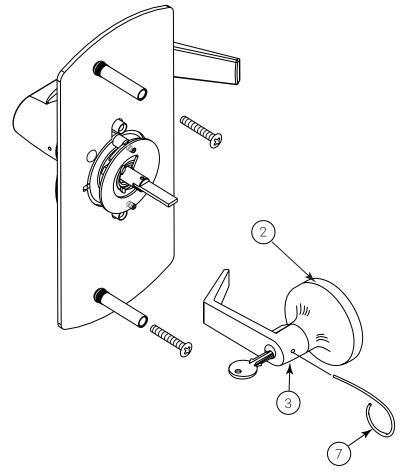


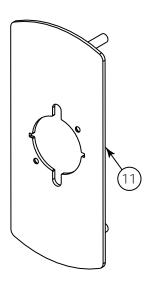
# 581F, 586F, 588F, 589F TRIM

| Item      | Part No.  | Description  |
|-----------|---|--|
| 2         | 14-5401-2711-FIN  | Rose Scalp   |
| 3         | 14-5401-6063-FIN 14-5401-6064-FIN 14-5401-6062-FIN 14-5407-6038-FIN 14-5407-6042-FIN 14-5407-6062-FIN 14-5417-6021-FIN 14-5417-6030-FIN 14-5417-6040-FIN 14-5417-6031-FIN 14-5417-6031-FIN 14-5417-6041-FIN 14-5417-6042-FIN 14-5417-6060-FIN 14-5417-6060-FIN 14-5417-6060-FIN | Lever Plain AU - Augusta MO - Monroe PB - Pacific Beach Cylinder AU - Augusta MO - Monroe PB - Pacific Beach LFIC 6 Pin AU - Augusta MO - Monroe PB - Pacific Beach LFIC 7 Pin AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin AU - Augusta MO - Monroe PB - Pacific Beach SFIC 6 & 7 Pin AU - Augusta MO - Monroe PB - Pacific Beach Schlage® LFIC 6 Pin AU - Augusta MO - Monroe PB - Pacific Beach Schlage® LFIC 6 Pin AU - Augusta MO - Monroe PB - Pacific Beach ASSA/Medeco LFIC AU - Augusta |
| 7         | 14-5407-1102-000  | Tool, Lever Removal  |
| 11        | 60-7000-0155-FIN  | Escutcheon Plate Assy  |
|           | 14-5400-1051-048  | Rose Plate   |
|           | 14-5407-9034-999  | Lever Insert   |
|           | 81-3711-0412-048  | 8-32 X 1/2" FHPMS (2)  |
|           | 81-9500-1520-048  | Screw Pack   |
| Not Shown | 60-7000-4005-999<br>60-7000-4015-999  | Rose Support Assy<br>581F, 586F, 588F<br>589F  |
|           | 60-7000-0170-048<br>60-7000-0169-048<br>60-7000-0168-048  | Spindle Assy<br>581F<br>586F<br>588F   |
|           | 14-5401-9580-999  | Spring Pad Spacer 588F, 549F   |

### 581F, 586F, 588F, 589F TRIM









#### **LEVERS**

### Used with 420F, 500F and 620F Series Trim



| AR  | AU  | CR  |
|---|---|---|
|   |   |   |
| Arcadia Projection: 3-1/4" (82mm) Lever assembly: RHR 60-7000-0097-FIN LHR 60-7000-0098-FIN | Augusta Projection: 2-5/8" (61mm) Lever assembly: 60-7000-0095-FIN  | Carmel Projection: 3-1/8" (79mm) Lever assembly: 60-7000-0140-FIN         |
| JN  | МО  | РВ  |
|   |   |   |
| Jefferson<br>Projection: 2-9/16" (65mm)<br>Lever assembly: 60-7000-0093-FIN                 | Monroe<br>Projection: 3" (76mm)<br>Lever assembly: 60-7000-0239-FIN | Pacific Beach Projection: 3-5/16" (84mm) Lever assembly: 60-7000-0240-FIN |
| PN  | VI  | НА  |
|   |   |   |
| Pinehurst Projection: 3-1/16" (78mm) Lever assembly: 60-7000-0198-FIN                       | Virginia Projection: 3-1/8" (79mm) Lever assembly: 60-7000-0236-FIN | Hampton<br>Projection: 3-3/8" (86mm)<br>Lever assembly: 60-7000-0285-FIN  |
| 603F  |   |   |
|   |   |   |

Lever Handle Assemblies Include: Spindle - P/N 60-7000-1243-059 Roll Pin - P/N 99-9999-3979-023

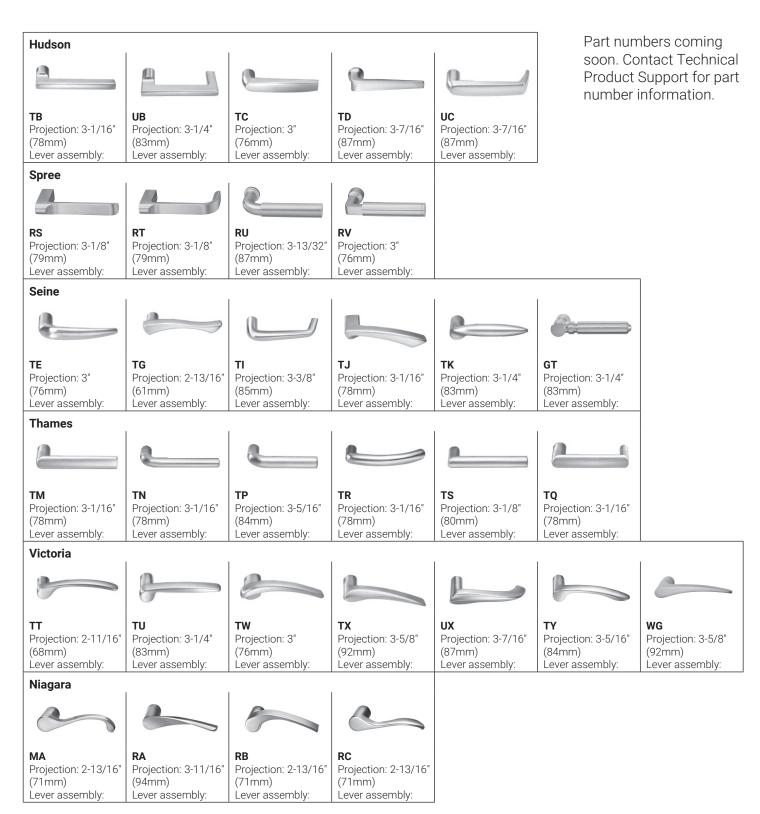
Thumbturn Assembly: 60-7000-0157-FIN

Note: Projection dimensions are provided using the 620F series escutcheon plates

#### **REFLECTIONS® LEVERS**

#### Used with 420F, 500F and 620F Series Trim





Note: Projection dimensions are provided using the 620F Series escutcheon plates.

#### **CYLINDERS**

|          |  |                      | Cylinder(s)       | Description         | Cylinder Collar | Mounting Screws  |
|----------|--|----------------------|-------------------|---------------------|-----------------|------------------|
|          | Narrow                                     |                      | 1109 / 5109 6-pin | Standard / Security | 599419          | 60-7000-1235-048 |
|          | Escutcheon Trim<br>500F/510F Series        |                      | 1109 / 5109 7-pin | Standard / Security | 599419          | 60-7000-1235-048 |
|          | Rim cylinders with                         | ACCOUNTAL MANAGEMENT | 1193 / 5193 6-pin | LFIC / Sec. LFIC    | 599544          | 10-1193-1018-048 |
|          | special #599 cylinder rings. NOT AVAILABLE |                      | 1193 / 5193 7-pin | LFIC / Sec. LFIC    | 599544          | 10-1193-1018-048 |
| _        | with U5109 cylinder.                       |                      | 1709 6-pin        | CMK Cylinder        | 599544          | 34-2311-8738-048 |
| Cylinder |  |                      | 1709 7-pin        | CMK Cylinder        | 599700          | 34-2311-8738-048 |
|          |  | 500                  | 1109 / 5109 6-pin | Standard / Security |                 | 60-7000-1235-048 |
| Rim      |  |                      | U5109 6-pin       | High Security       |                 | 60-7000-1235-048 |
| _        |  |                      | 1109 / 5109 7-pin | Standard / Security |                 | 60-7000-1235-048 |
|          | Escutcheon Trim<br>620F/630F and 600       |                      | U5109 7-pin       | High Security       |                 | 60-7000-1235-048 |
|          | Series Electric Trim                       |                      | 1709 6-pin        | CMK Cylinder        | 1765250         | 34-2311-8738-048 |
|          | Rim Cylinders                              |                      | 1709 7-pin        | CMK Cylinder        | 1765250         | 34-2311-8738-048 |
|          |  |                      | 1193 / 5193 6-pin | Std. / Sec. LFIC    | 1765250         | 10-1193-1018-048 |
|          |  |                      | 1193 / 5193 7-pin | Std. / Sec. LFIC    | 1765344         | 10-1193-1018-048 |

Note: Mounting screw part numbers shown are the screws to mount the cylinder.

|          |                      |        | Cylinder(s)                            | Description           | Cylinder Collar |
|----------|----------------------|--------|--|-----------------------|-----------------|
|          | Mortise Exit Devices |        | 2153 / 5153, 6 or 7-pin, 1-1/2" (38mm) | Standard / Security   |                 |
|          | Escutcheon Trim      |        | 2196 / 5196 6-pin                      | Std. LFIC / Sec. LFIC |                 |
| <u>e</u> | 650F/660F Series     |        | 2197 / 5197 7-pin                      | Std. LFIC / Sec. LFIC | 1765062         |
| Cylinder | Keyed Removable      |        | 2153/5153*, 6 or 7-pin, 1-1/8" (29mm)  | Standard / Security   |                 |
|          | Mullions             | Cooran | 2196 / 5196 6-pin                      | Std. LFIC / Sec. LFIC | 1765250         |
| Mortise  | KRM200/200F          |        | 2197 / 5197 7-pin                      | Std. LFIC / Sec. LFIC | 1765250         |
| Ž        | Cylinder Dogging     |        | 2153, 6-pin, 1-1/8" (29mm)             | Standard              |                 |
|          |                      |        | 2153, 7-pin 1-1/4" (32mm)              | Optional 7-pin        | 1765156         |
|          |                      |        | 2196, 6-pin 1-1/2" (38mm)              | Std. LFIC 6-pin       | 1765406         |
|          | Alarm Kit            |        | 2197, 7-pin 1-11/16" (42mm)            | Std. LFIC 7-pin       | 1765594         |

As with exit device trim you must order a cylinder to go with a keyed removable mullion. Keyed removable mullions accept a standard 6-pin 2153 mortise cylinder with cam #2160. Other cylinders are optional.

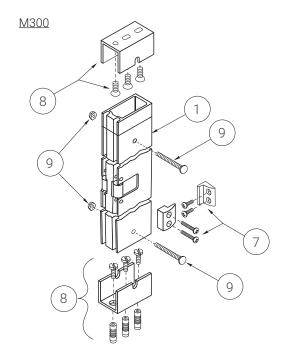
\*U5153 6 and 7-pin cylinders cannot be used with a keyed removable mullion.

|                                   |                 |  | Description                   |
|-----------------------------------|-----------------|--|-------------------------------|
|                                   |                 | 1802                                   | 6-pin Lever Cyl. (Std.)       |
|                                   |                 | 1802A                                  | 7-pin Lever Cylinder          |
|                                   |                 | 1210                                   | 6-pin LFIC Lever Cylinder     |
|                                   |                 | 1220                                   | 7-pin LFIC Lever Cylinder     |
| Lever Trim<br>540F or 440F Series |                 | 5802                                   | 6-pin Security Lever Cyl.     |
|                                   |                 | 5802A                                  | 7-pin Security Lever Cyl.     |
|                                   |                 | 5210                                   | 6-pin LFIC Security Cyl.      |
|                                   |                 | 5220                                   | 7-pin LFIC Security Cyl.      |
|                                   |                 | 107S                                   | Adaptor kit for Schlage® Cyl. |
|                                   | "B" Trim Prefix | Lever to accept 6- or 7-pin SFIC cores |                               |

<sup>\*</sup>AU & PB levers only.

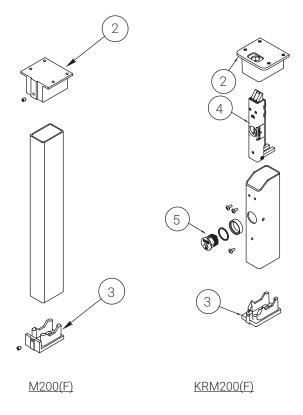
# **MULLIONS**

| ltem      | Part No.                             | Description  |
|-----------|--------------------------------------|--|
| 1         | 60-7200-0011-FIN<br>60-7200-0013-FIN | Mullion 8' M300<br>Mullion 10' M300  |
| 7         | 81-9500-1417-FIN                     | Stabilizer Kit (optional)  contains:  Bracket, Stabilizer (2)  Stabilizer (2)  Spacer, Stabilizer (4)  Screw, #10-24 x 3/4"  FHM-PH (4)  Screw, #10-24 x 1" FHM-PH (4) |
| 8         | 81-9500-1416-FIN                     | Mounting Bracket Packet contains:  Mullion Mounting Plate (2) Screw, 1/4-20 x 1/2 FHUM-PH (6) Anchor, 1/4-20 Masonry (3)   |
| 9         | 81-9500-1414-FIN                     | Carriage Bolt Packet contains: Bolt, 1/4-20 x 1-3/4" Carriage  |
| Not Shown | 81-9500-1418-FIN                     | Parts Packet contains: Items 7, 8 and 9  |



### **MULLIONS**

| Item | Part No.                     | Description                                    |
|------|------------------------------|--|
| 2    | 60-7000-0759<br>60-7000-0755 | Top Retainer Packs:<br>M200(F)<br>KRM200(F)    |
| 3    | 60-7000-0763<br>60-7000-0760 | Bottom Retainer Packs:<br>M200(F)<br>KRM200(F) |
| 4    | 60-7000-0750                 | Locking Mechanism, KRM200(F)                   |
| 5    | See Chart Page 50            | Cylinder, Mortise                              |



#### HANDING INSTRUCTIONS

The following Free-Wheeling exit device lever trims will ship with a universal lever spring and hub:

626F, 627F, 628F, 629F, 690F, 691F

The universal spring allows the handing for the trim to easily be changed without the need for any additional parts.

The required trim handing should be specified on the purchase order and will be set at the factory.

The following details changing the handing in the field:

Tools Needed: Needle Nose pliers, Crescent wrench

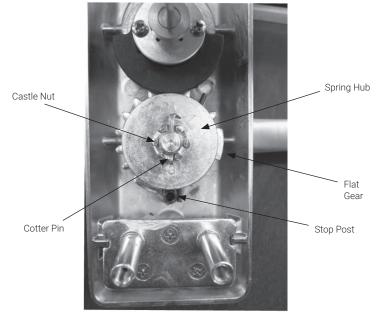
#### Notes:

During change ensure black gear does not rotate.

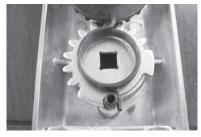
Please wear safety glasses and be aware of spring tension on spring hub upon removal and assembly.

Light lubrication is recommended under flat gear, white lithium grease can be used.

- Remove cotter pin
- · Remove castle nut
- Remove washer
- · Carefully pull up on spring hub to disengage spring
- · Remove spring and note orientation
- · Remove lever handle
- Pick-up flat gear, flip and orient stop on opposite side of stop post. See pictures for hand orientation.
- Install spring upside down from original orientation and place spring leg on opposite side of stop post from original installation orientation
- Install lever 180 degrees from original position
- Install spring hub with stamped number in the 6 o'clock position
- Rotate spring leg around with needle nose pliers to engage notch in spring hub, refer to pictures for reference position. Press down on spring hub to ensure complete engagement.
- · Install washer
- Install castle nut, do not over tighten, verify by insuring lever returns horizontally on its own
- · Install cotter pin



Left Hand Reverse Shown



Left Hand Reverse gear & spring orientation



Right Hand Reverse gear & spring orientation





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