



ND-Series

Service manual

Contents

- 5 Introduction
- 5 Lock assembly drawing index
- 6 Lock assembly drawing index
- 11 Chassis
- 12 Passage latch
- 13 Exit lock
- 14 Exit lock with request-to-exit
- 15 Exit lock— Electrically locked (fail safe)
- 16 Exit lock— Electrically locked (fail safe) with request-to-exit
- 17 Exit lock— Electrically unlocked (fail secure)
- 18 Exit lock— Electrically unlocked (fail secure) with request-to-exit
- 19 Single dummy trim
- 20 Exit lock with blank plate
- 21 Special— classroom exit lock
- 22 Special—storeroom exit lock
- 23 Patio, bath/bedroom privacy and hospital privacy lock
- 24 Entrance/office and entrance lock
- 25 Vestibule lock
- 26 Store lock
- 27 Classroom lock
- 28 Special- classroom by storeroom lock
- 29 Special-communicating lock
- 30 Special-communicating lock with Vandlgard®
- 31 Corridor lock
- 32 Classroom security lock
- 33 Storeroom lock
- 34 Storeroom lock with request-to-exit
- 35 Storeroom lock- Electrically locked (fail safe)
- 36 Storeroom lock— Electrically locked (fail safe) with request-to-exit
- 37 Storeroom lock– Electrically unlocked (fail secure)
- 38 Storeroom lock— Electrically unlocked (fail secure) with request-toexit
- 39 Institution lock
- 40 Faculty restroom lock
- 41 Entrance/office and entrance lock with Vandlgard®
- 42 Vestibule lock with Vandlgard®
- 43 Classroom lock with Vandlgard®
- 44 Classroom security lock with Vandlgard®
- 45 Storeroom lock with Vandlgard®
- 46 Storeroom lock with Vandlgard®— Electrically locked (fail safe)
- 47 Storeroom lock with Vandlgard®— Electrically unlocked (fail secure)
- 48 Corridor lock with Vandlgard®

- 49 Trim assemblies
- 50 Passage latch
- 51 Exit lock
- 52 Exit lock request-to-exit
- 53 Exit lock—electrically locked (fail safe)
- 54 Exit lock- electrically locked (fail safe) request-to-exit
- 55 Exit lock and storeroom lock—electrically unlocked (fail secure)
- 56 Exit lock and storeroom lock—electrically unlocked (fail secure) request-to-exit
- 57 Single dummy trim
- 58 Exit lock with blank plate
- 59 Special-classroom exit lock
- 60 Special—storeroom exit lock
- 61 Special—patio lock
- 62 Bath/bedroom privacy lock
- 63 Hospital privacy lock
- 64 Entrance/office lock
- 65 Entrance lock
- 66 Vestibule lock
- 67 ND60 with closed outside lever: special
- 68 Store lock
- 69 Classroom lock
- 70 Special-classroom by storeroom lock
- 71 Special—communicating lock
- 72 Special-communicating lock with Vandlgard®
- 73 Corridor lock
- 74 Classroom security lock
- 75 Storeroom lock
- 76 Storeroom lock with request-to-exit
- 77 Storeroom lock- electrically locked (fail safe)
- 78 Storeroom lock—electrically locked (fail safe) with request-to-exit
- 79 Storeroom lock-electrically unlocked (fail secure)
- 80 Storeroom lock—electrically unlocked (fail secure) with request-to-exit
- 81 Institution lock
- 82 Faculty restroom lock
- 83 Entrance/office lock wtih Vandlgard®
- 84 Entrance lock with Vandlgard®
- 85 Vestibule with Vandlgard®
- 86 Classroom lock with Vandlgard®
- 87 Classroom security lock with Vandlgard®
- 88 Storeroom lock with Vandlgard®
- 89 Storeroom lock with Vandlgard®— electrically locked (fail safe)
- 90 Storeroom lock with Vandlgard®—electrically unlocked (fail secure)
- 91 Corridor lock with Vandlgard®

92 Parts and kits

- 92 Full size IC and SFIC (small format interchangeable core) configurations
- 93 Lever designs
- 93 Tactile warning
- 94 Competitor cylinder options
- 94 Spring cage and tailpiece for competitor cylinder options
- 95 Roses
- 95 Cylinders96 Latches
- 96 Installation tools and kits
- 98 Strikes
- 99 Screws, screw packs and special parts
- 100 Finishes
- 100 Finish codes and descriptions
- 100 Ordering procedures
- 101 Limited warranty

Introduction

This manual contains a complete listing of ND-Series (Grade 1) cylindrical lock parts and assemblies manufactured by the Schlage Lock Company. This edition lists components of ND-Series locks manufactured after November, 2003.

This manual provides exploded views of each lock chassis and trim assembly with an accompanying chart to identify parts for replacement purposes, along with lock trim ordering procedures, general cylinder information, and all auxiliary components of the ND-Series cylindrical locks.

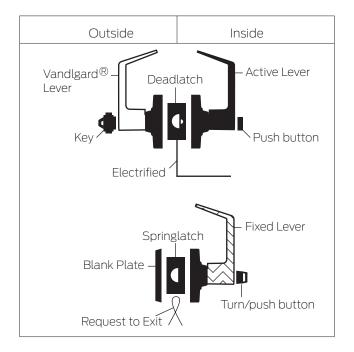
| Standard Features* | | | | |
|--------------------|--|--|--|--|
| Certifications | ANSI A156.2, 2003, Series 4000, Grade 1, UL listed for 3-hour fire door | | | |
| Latch | 11/8" x 21/4", Square corner faceplate, 1" housing diameter, 1/2" throw | | | |
| Strike | 11/4" x 47/8", ANSI, Square corner, no box | | | |
| Backset | 2¾" | | | |
| Cylinder | 6-Pin solid brass, keyed 6-pin, C123 keyway, keyed different (KD)** | | | |
| Door Range | Standard Lock Functions: 15/8" – 21/8" | | | |
| | Vandlgard® Lock Functions: 15⁄8" – 21⁄8" | | | |
| | ND85: 1 ³ / ₄ " – 2" | | | |
| Keys | Two nickel silver cut keys per lock, 6-pin, C123 section** | | | |

* Locks are furnished with standard features unless otherwise specified.

** Items specified in C keyway will be furnished with cylinder keyed 5-pin and with 5-pin keys unless otherwise specified.

Lock assembly drawing index

The Lock assembly drawing Index provides illustrations and textual descriptions of available functions. Page numbers for full trim and chassis drawings are referenced.



Lock assembly drawing index

| Function | | ANSI A156.2, 1996, Series 4000, Grade 1 | | | | | Chassis | |
|--------------|-----|---|--|--|--|------|---------|--|
| Schlage ANSI | | Description | Outside function | | Inside function | Page | Page | |
| NDIO | F75 | Passage latch | Lever is always unlocked. | | Lever is always unlocked and is always free for immediate egress. | 50 | 12 | |
| ND12 | F89 | Exit lock | Lever is fixed. | | Lever is always unlocked and is always free for immediate egress. | 51 | 13 | |
| ND12-RX | | Exit lock with request to exit | Same as ND12. | | Same as ND12. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress. | 52 | 14 | |
| ND12EL | | Exit lock— electrically locked (fail safe) | Lever is continuously locked by electric current until unlocked by switch or power failure. | | Lever is always unlocked and is always free for immediate egress. | 53 | 15 | |
| ND12EL-RX | | Exit lock— electrically locked (fail safe) with request to exit | Same as ND12EL. | | Same as ND12EL. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress. | 54 | 16 | |
| ND12EU | | Exit lock— electrically unlocked (fail secure) | Lever is continuously locked mechanically until unlocked by electric current. | | Lever is always unlocked and is always free for immediate egress. | 55 | 17 | |
| ND12EU-RX | | Exit lock— electrically unlocked (fail secure) wtih request to exit | Same as ND12EU. | | Same as ND12EU. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress. | 56 | 18 | |
| ND170 | | Single dummy trim | Inactive trim for one side of door. Use for door pull or as matching inactive trim. | | | 57 | 19 | |

Note: Any function with a deadlatch locks the latchbolt when door is closed. See page 5 for identification.

* Available with Small Format Interchangeable Core.

† Caution: These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

| Function ANSI A156.2, 1996, Series 4000, Grade | | Series 4000, Grade 1 | | | Trim | Chassis | |
|--|------|--|---|-----|--|---------|------|
| Schlage | ANSI | Description | Outside function | | Inside function | Page | Page |
| ND25 | | Exit lock with blank plate | Blank plate. | | Inside lever is always unlocked and is always free for immediate egress. | 58 | 20 |
| ND25 x 70 | | Classroom exit lock† per XN12-004 | Blank plate. | | Key locks or unlocks lever. | 59 | 21 |
| ND25 x 80 | | Storeroom exit lock† per XN12-005 | Blank plate | | Key retracts latch. Lever is fixed. | 60 | 22 |
| ND30 | | Patio lock per XN12-007 | | | Push-button locks outside lever. Turning inside lever or closing door releases button. | 61 | 23 |
| ND40 | F76 | Bath/bedroom privacy lock | Can be opened from outside with small screwdriver or emergency release tool. | | Push-button locks outside lever. Turning inside lever or closing door releases button. | 62 | 23 |
| | | | | | Inside lever is always free for immediate egress. | | |
| ND44 | | Hospital privacy lock | Unlocked from outside by turning emergency turn-button. | | Push-button locks outside lever. Turning inside lever or closing door releases button. | 63 | 23 |
| | | | | ••• | Inside lever is always free for immediate egress. | | |
| ND50 | F82 | Entrance/office lock* | Lever is unlocked with key when push-button is pushed. | | Push-button locks outside lever. Turning inside lever releases button. Inside lever is always free for immediate egress. | 64 | 24 |
| ND53 | F109 | Entrance lock* | Key retracts latch when button pushed and turned. Lever is unlocked with key when push- button is pushed. | | Turn/push-button: Pushing and turning button locks outside lever until manually unlocked. Push-button: pushing button locks outside lever until unlocked by turning inside lever. Inside always free for immediate egress. | 65 | 24 |
| ND60 | F88 | Vestibule lock* | Latch retracted by key when locked by inside key. | | Inside lever is always unlocked and is always free for immediate egress. Key locks and unlocks outside lever. | 66 | 25 |
| ND60 | | Vestibule lock with closed lever outside per XN12-001 | Same as ND60 except outside lever is closed. | | Same as ND60. Inside lever is always fee for immediate egress. | 67 | 25 |

* Available with Small Format Interchangeable Core.

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| Function | | ANSI A156.2, 1996, Series 4000, Grade 1 | | | | | Chassis |
|--------------|-----|---|---|--|--|------|---------|
| Schlage ANSI | | Description | Outside function | | Inside function | Page | Page |
| ND66 | F91 | Store lock*† | Key locks or unlocks both levers simultaneously. | | Key locks or unlocks both levers simultaneously. | 68 | 26 |
| ND70 | F84 | Classroom lock* | Outside lever locked or unlocked by key. | | Inside lever is always unlocked and always free for immediate egress. | 69 | 27 |
| ND70 x 80 | | Classroom by Storeroom lock† per XN12-006 | Outside lever locked or unlocked by key. | | Key in fixed inside lever retracts latch. | 70 | 28 |
| ND72 | | Communicating lock*† per XN12-002 | Outside lever only locked or unlocked by key. | | Inside lever only locked or unlocked by key. | 71 | 29 |
| ND72 | | Communicating lock with Vandlgard [®] *† per XN12-003 | Same as ND72. Vandlgard allows outside spindle to disengage from latch when locked. | | Same as ND72. Vandlgard allows inside spindle to disengage from latch when locked. | 72 | 30 |
| ND73 | F90 | Corridor lock* | Locked or unlocked by outside key. When locked by key it can only be unlocked by key. | | Push-button locks outside lever. Turning lever or closing door releases button. Inside lever is always unlocked and is always free for immediate egress. | 73 | 31 |
| ND75 | | Classroom security lock* | Outside lever locked or unlocked by key in either lever. | | Key locks or unlocks outside lever. Inside lever is always unlocked and is always free for immediate egress. | 74 | 32 |
| ND80 | F86 | Storeroom lock* | Lever is fixed. Entrance by key only. | | Inside lever is always unlocked and is always free for immediate egress. | 75 | 33 |
| ND80-RX | | Storeroom lock* with request to exit | Same as ND80. | | Same as ND80. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress. | 76 | 34 |
| ND80EL | | Storeroom lock—electrically locked (fail safe)* | Lever is continuously locked electrically. Unlocked by switch or power failure. When locked, key retracts latch. | | Inside lever is always unlocked and is always free for immediate egress. | 77 | 35 |

* Available with Small Format Interchangeable Core.

† Caution: These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

| Function | | ANSI A156.2, 1996, 9 | Series 4000, Grade 1 | | Trim | Chassis |
|-----------|------|--|---|---|------|---------|
| Schlage | ANSI | Description | Outside function | Inside function | Page | Page |
| ND80EL-RX | | Storeroom lock— electrically locked (Fail safe)* with request to exit | Same as ND80EL-RX. | Same as ND80EL. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress. | 78 | 36 |
| ND80EU | | Storeroom lock—electrically unlocked (Fail secure)* | Lever is continuously locked mechanically until unlocked by electric current. When locked, key retracts latch. | Inside lever is always unlocked and is always free for immediate egress. | 79 | 37 |
| ND80EU-RX | | Storeroom lock—electrically unlocked (Fail secure) with request to exit* | Same as ND80EU-RX. | Same as ND80EU. A microswitch attached to the chassis is activated when the lever is rotated. The switch signals use of the lever to security systems allowing non-disruptive egress. | 80 | 38 |
| ND82 | F87 | Institution lock*† | Lever is fixed. Entrance by key only. | Lever is fixed. Exit by key only. | 81 | 39 |
| ND85 | | Faculty restroom lock | Lever is fixed. Entrance by key only. | Push-button activates occupancy indicator, allowing only emergency master key to operate. Turning lever or closing door releases indicator. Spanner-button rotation provides lock-out feature. Inside lever is always free for immediate egress. | 82 | 40 |
| ND91 | F82 | Entrance/office lock with Vandlgard®* | Lever is unlocked with key when push-button is pushed. Vandlgard allows outside spindle to disengage from latch when locked. | Push-button locks outside lever. Turning inside lever releases button. Inside lever is always free for immediate egress. | 83 | 41 |
| ND92 | F109 | Entrance lock with Vandlgard®* | Key retracts latch when button pushed and turned. Lever is unlocked with key when push- button is pushed. Vandlgard allows outside spindle to disengage from latch when locked. | Turn/push-button: Pushing and turning button locks outside lever until manually unlocked. Push-button: pushing button locks outside lever until unlocked by turning inside lever. Inside always free for immediate egress. | 84 | 41 |
| ND93 | F88 | Vestibule lock with Vandlgard®* | Latch retracted by key when locked by inside key. Key locks and unlocks lever. Vandlgard allows outside spindle to disengage from latch when locked. | Inside lever is always unlocked and is always free for immediate egress. | 85 | 42 |

* Available with Small Format Interchangeable Core.

† Caution: These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

| Function | | ANSI A156.2, 1996, Series 4000, Grade 1 | | | | | Chassis |
|--------------|-----|--|--|--|---|------|---------|
| Schlage ANSI | | Description | Description Outside function Inside function | | | Page | Page |
| ND94 | F84 | Classroom lock with Vandlgard®* | Outside lever locked or unlocked by key. Vandlgard allows outside spindle to disengage from latch when locked. | | Inside lever is always unlocked and is always free for immediate egress. | 86 | 43 |
| ND95 | | Classroom security lock with Vandlgard®* | Outside lever locked or unlocked by key in either lever. Vandlgard allows outside spindle to disengage from latch when locked. | | Key locks or unlocks outside lever. Inside lever is always unlocked and is always free for immediate egress. | 87 | 44 |
| ND96 | F86 | Storeroom lock with Vandlgard®* | Lever always disengaged. Entrance by key only. Vandlgard allows outside spindle to disengage from latch when locked. | | Inside lever is always unlocked and is always free for immediate egress. | 88 | 45 |
| ND96EL | | Storeroom lock with Vandlgard®— electrically locked (Fail safe)* | Lever is continuously locked electrically. Unlocked by key or power failure or switch. Auxiliary latch deadlocks latchbolt when door is closed. Vandlgard allows outside spindle to disengage from latch when locked. | | Inside is always unlocked and free for immediate egress. | 89 | 46 |
| ND96EU | | Storeroom lock with Vandlgard®— electrically unlocked (Fail secure)* | Lever is continuously locked until unlocked by key or electric current. Auxiliary latch deadlocks latchbolt when door is closed. Vandlgard allows outside spindle to disengage from latch when locked. | | Inside is always unlocked and free for immediate egress. | 90 | 47 |
| ND97 | | Corridor lock with Vandlgard®* | Locked or unlocked by key. When locked by key, outside lever can only be unlocked by key. Vandlgard allows outside spindle to disengage from latch when locked. | | Push-button locking. Turning lever or closing door releases button. Inside is always unlocked and free for immediate egress. | 91 | 48 |

* Available with Small Format Interchangeable Core.

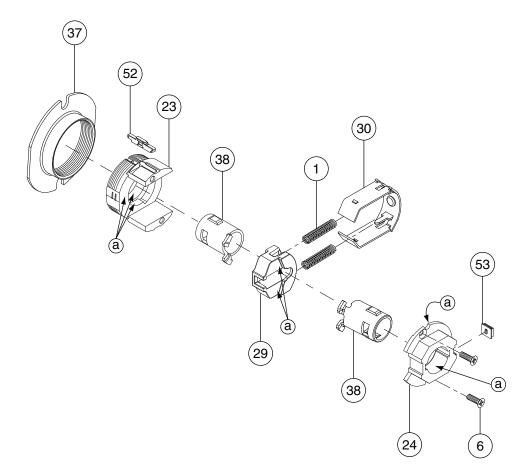
† Caution: These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Chassis

- 12 Passage latch
- 13 Exit lock
- 14 Exit lock with request-to-exit
- 15 Exit lock— Electrically locked (fail safe)
- 16 Exit lock— Electrically locked (fail safe) with request-to-exit
- 17 Exit lock— Electrically unlocked (fail secure)
- 18 Exit lock- Electrically unlocked (fail secure) with request-to-exit
- 19 Single dummy trim
- 20 Exit lock with blank plate
- 21 Special-classroom exit lock
- 22 Special—storeroom exit lock
- 23 Patio, bath/bedroom privacy and hospital privacy lock
- 24 Entrance/office and entrance lock
- 25 Vestibule lock
- 26 Store lock
- 27 Classroom lock
- 28 Special-classroom by storeroom lock
- 29 Special-communicating lock
- 30 Special—communicating lock with Vandlgard®
- 31 Corridor lock
- 32 Classroom security lock
- 33 Storeroom lock
- 34 Storeroom lock with request-to-exit
- 35 Storeroom lock– Electrically locked (fail safe)
- 36 Storeroom lock-Electrically locked (fail safe) with request-to-exit
- 37 Storeroom lock- Electrically unlocked (fail secure)
- 38 Storeroom lock— Electrically unlocked (fail secure) with request-toexit
- 39 Institution lock
- 40 Faculty restroom lock
- 41 Entrance/office and entrance lock with Vandlgard®
- 42 Vestibule lock with Vandlgard®
- 43 Classroom lock with Vandlgard®
- 44 Classroom security lock with Vandlgard®
- 45 Storeroom lock with Vandlgard®
- 46 Storeroom lock with Vandlgard®— Electrically locked (fail safe)
- 47 Storeroom lock with Vandlgard®— Electrically unlocked (fail secure)
- 48 Corridor lock with Vandlgard®

Passage latch

ND10



(a) Apply light film of 100% synthetic grease on surfaces with brush.

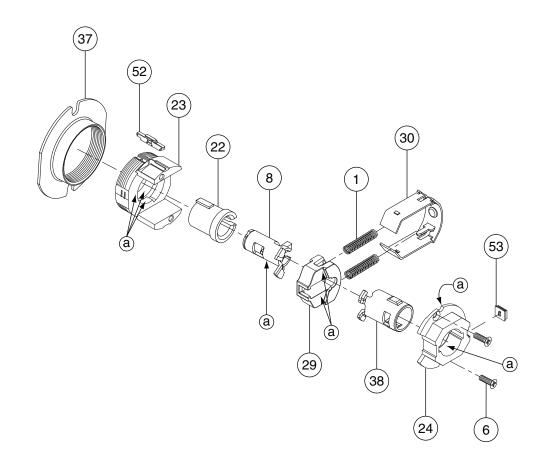
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Chassis

Exit lock

ND12



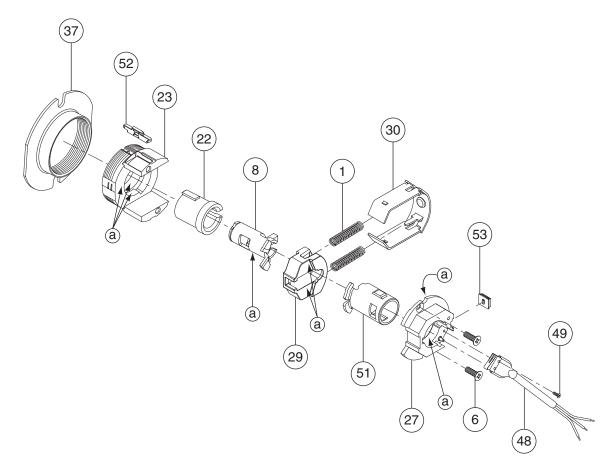
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Exit lock with request-to-exit

ND12 RX



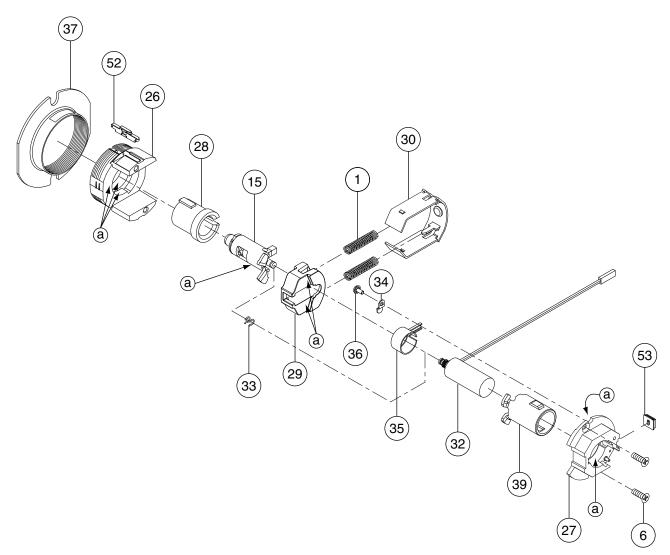
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 48 | RX harness | N523-134 |
| 49 | RX harness screw | N523-135 |
| 51 | RX inside spindle | N523-138 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Exit lock— Electrically locked (fail safe)

ND12EL



| ~ | |
|-----|---|
| (a) | Apply light film of 100% synthetic grease on surfaces with brush. |

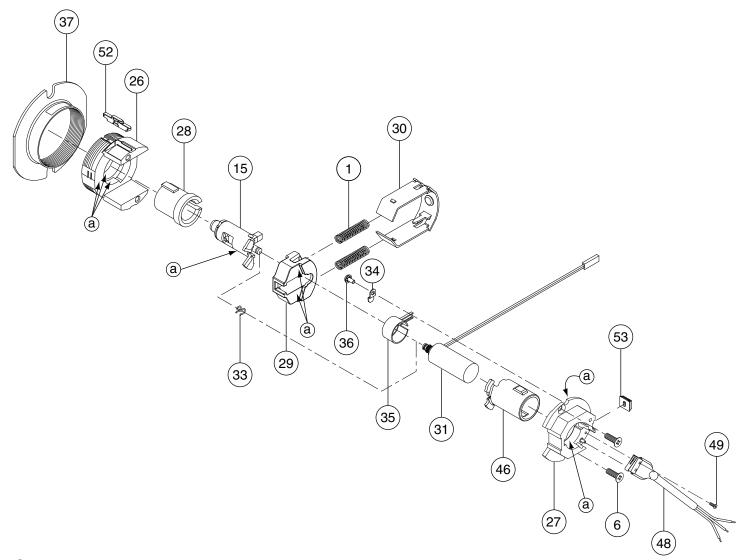
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 32 | Solenoid—EL | N523-027 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 33 | Clip | N523-028 |
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-057 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Chassis

Exit lock— Electrically locked (fail safe) with request-to-exit





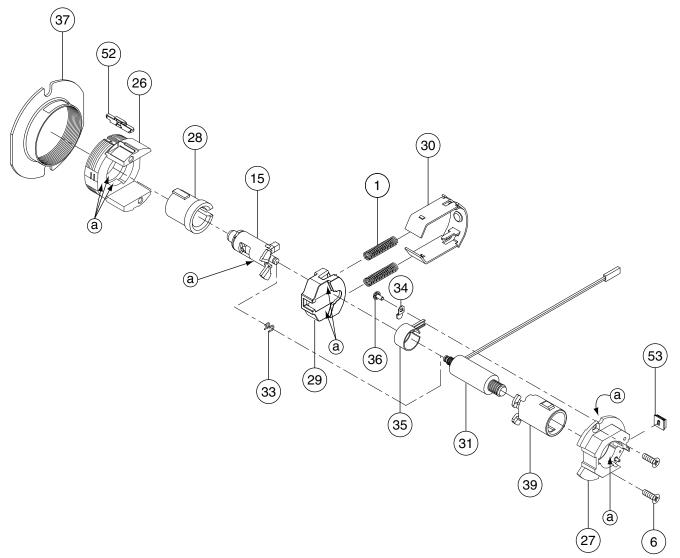
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrifed spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 32 | Solenoid—EL | N523-027 |
| 33 | Clip | N523-028 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 46 | Inside spindle electrified | N523-132 |
| 48 | RX harness | N523-134 |
| 49 | RX harness screw | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Exit lock— Electrically unlocked (fail secure)

ND12EU



| \bigcirc | |
|------------|---|
| a | Apply light film of 100% synthetic grease on surfaces with brush. |

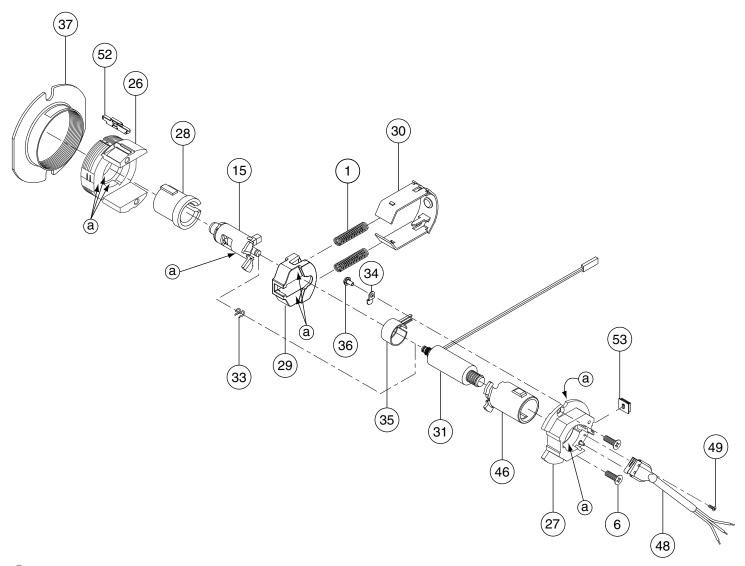
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 31 | Solenoid—EU | N523-026 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 33 | Clip | N523-028 |
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-057 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Chassis

Exit lock- Electrically unlocked (fail secure) with request-to-exit

ND12EU RX



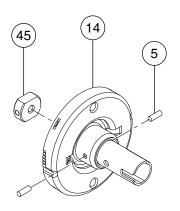
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrifed spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 31 | Solenoid—EU | N523-026 |
| 33 | Clip | N523-028 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 46 | Inside spindle electrified | N523-132 |
| 48 | Harness, RX | N523-134 |
| 49 | Screw, harness, RX | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Single dummy trim

ND170

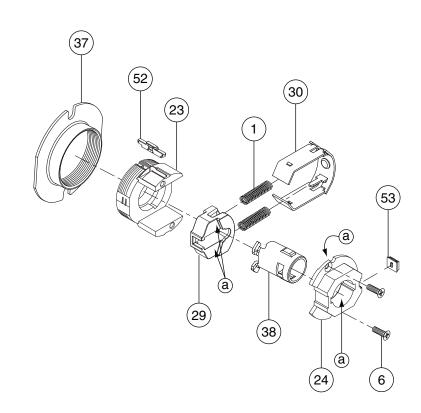


| No. | Description | Part number | No. | Description | Part number |
|-----|----------------------|-------------|-----|--------------|-------------|
| 5 | Spindle pin | C604-340 | 45 | Dummy insert | N523-069 |
| 14 | Spring cage assembly | N123-019 | | | |

For mounting two ND170 as double trim, see page 57.

Exit lock with blank plate

ND25



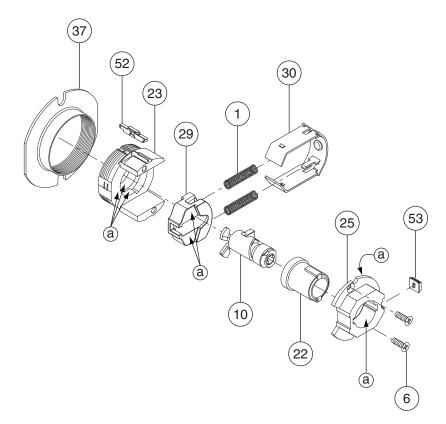
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Special— classroom exit lock

ND25X70



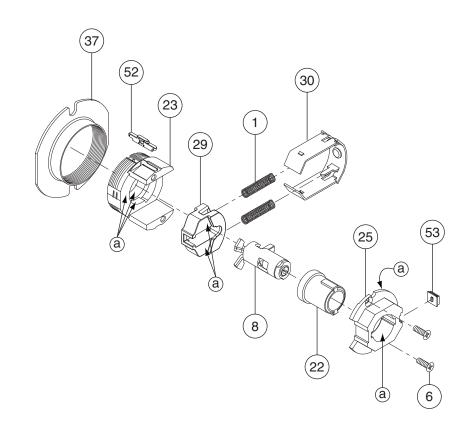
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Special—storeroom exit lock

ND25X80



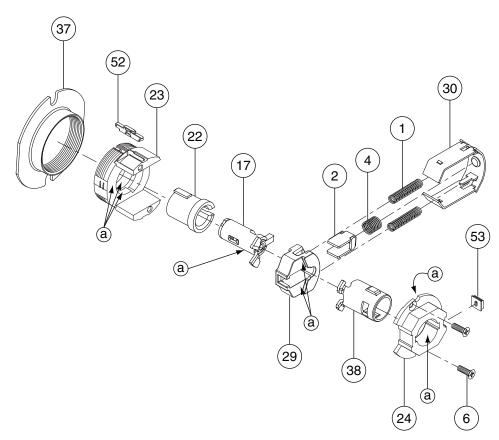
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Patio, bath/bedroom privacy and hospital privacy lock

ND30, ND40 and ND44

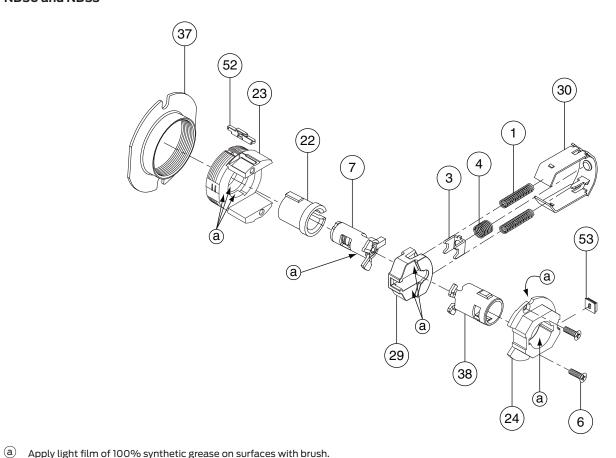


| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 17 | Keycam assembly | N123-045 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Entrance/office and entrance lock

ND50 and ND53



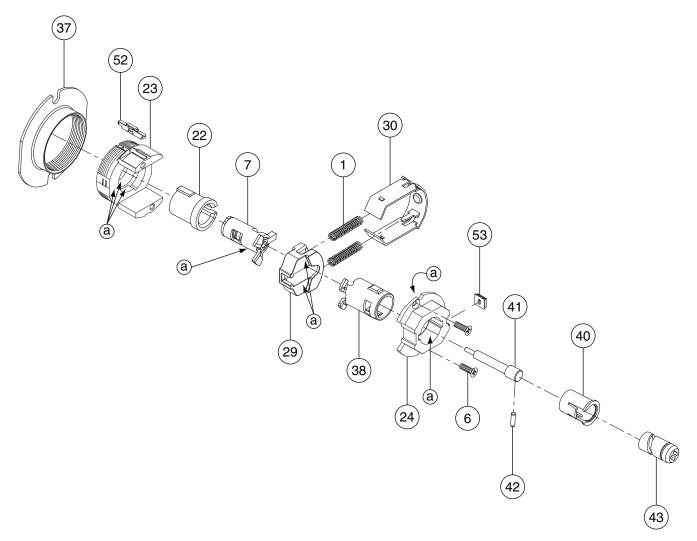
| G | Apply light him of 100% synthetic grease on sonaces with brosh. |
|---|---|
| | |
| | |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 1 | Slide spring | C503-019 |
| 3 | Slide catch | C604-188 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 7 | Keycam assembly | N123-007 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Vestibule lock

ND60



(a) Apply light film of 100% synthetic grease on surfaces with brush.

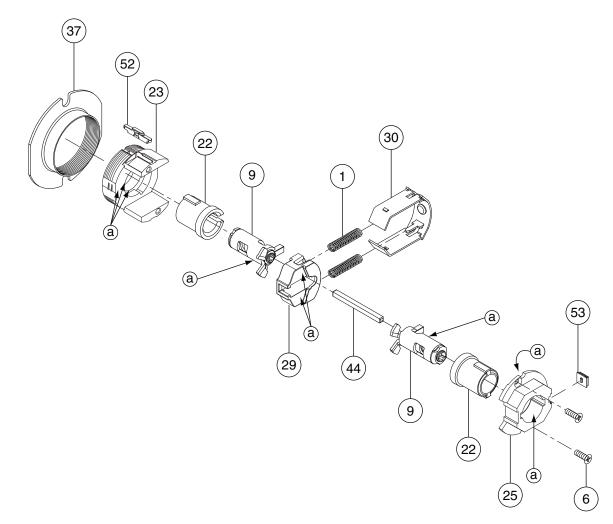
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 7 | Keycam assembly | N123-007 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 40 | Plunger sleeve | N523-063 |
| 41 | Plunger | N523-064 |
| 42 | Cam pin | N523-065 |
| 43 | Cam | N523-066 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Chassis

Store lock

ND66



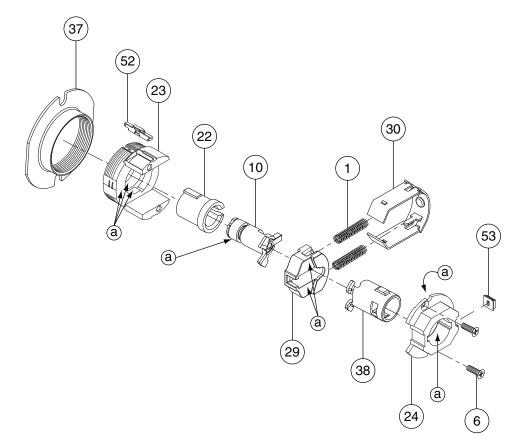
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 9 | Keycam assembly | N123-009 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 44 | Plunger bar | N523-067 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Classroom lock

ND70



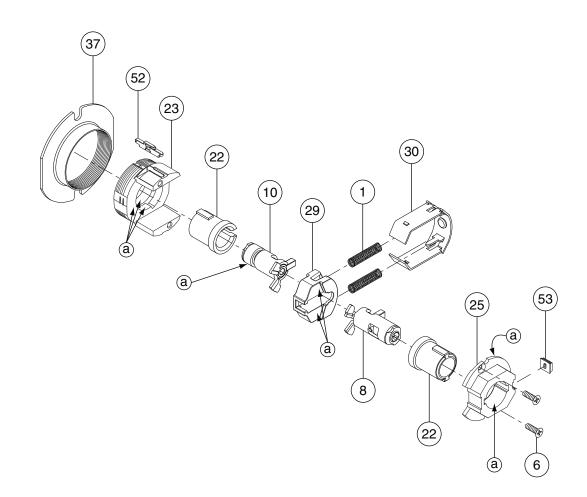
| a | Apply light film of 100% synthetic grease on surfaces with brush. |
|---|---|
|---|---|

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Special— classroom by storeroom lock

ND70X80



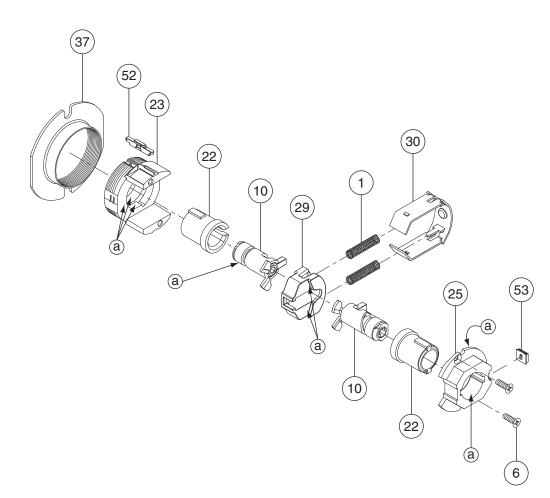
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 25 | Inside hub | 24085060 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Special—communicating lock

ND72



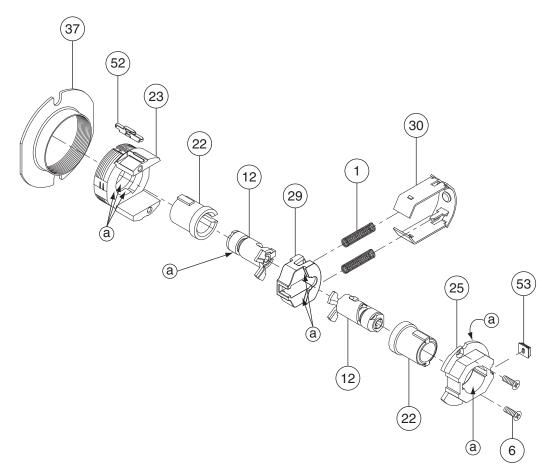
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Special—communicating lock with Vandlgard®

ND72 Vandlgard®



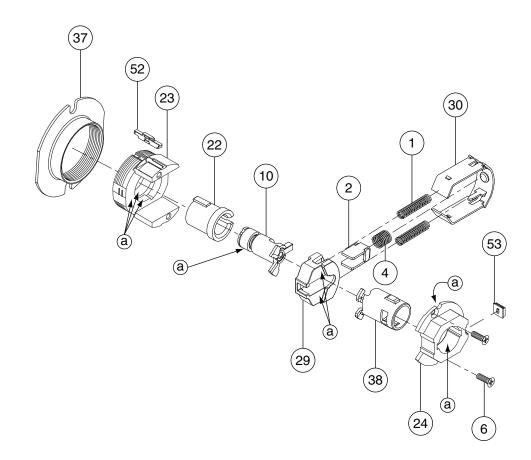
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 12 | Keycam assembly | N123-012 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Corridor lock

ND73



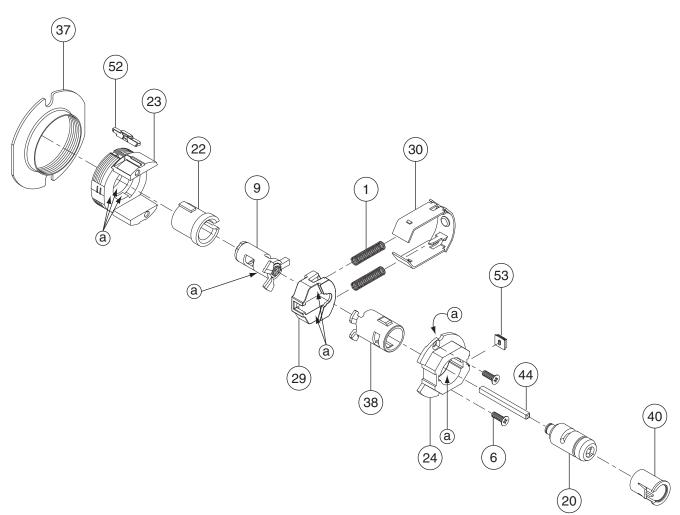
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Classroom security lock

ND75



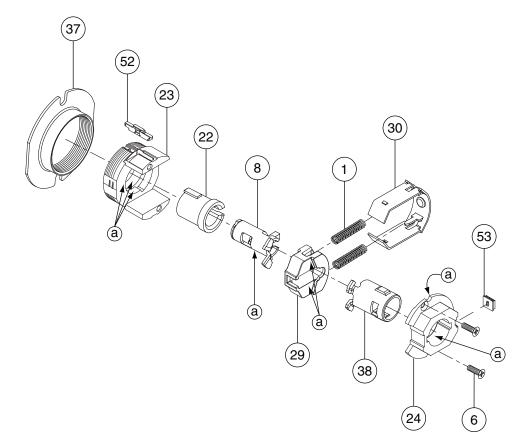
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 9 | Keycam assembly | N123-009 |
| 20 | Inside cam | N123-059 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 40 | Plunger sleeve | N523-063 |
| 44 | Plunger bar | N523-067 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock

ND80



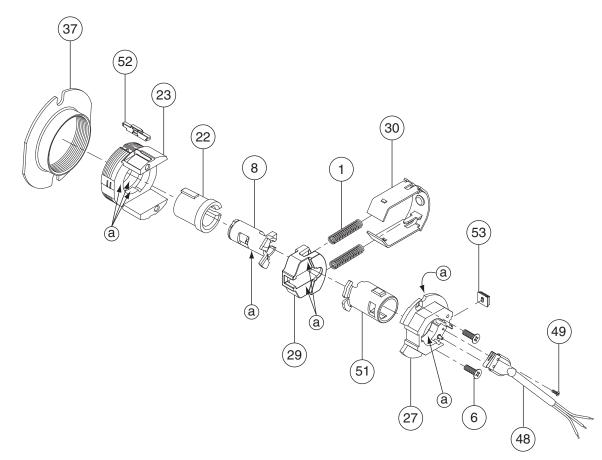
| (a) | Apply light film of 100% synthetic grease on surfaces with brush. |
|-----|---|
|-----|---|

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock with request-to-exit

ND80 RX



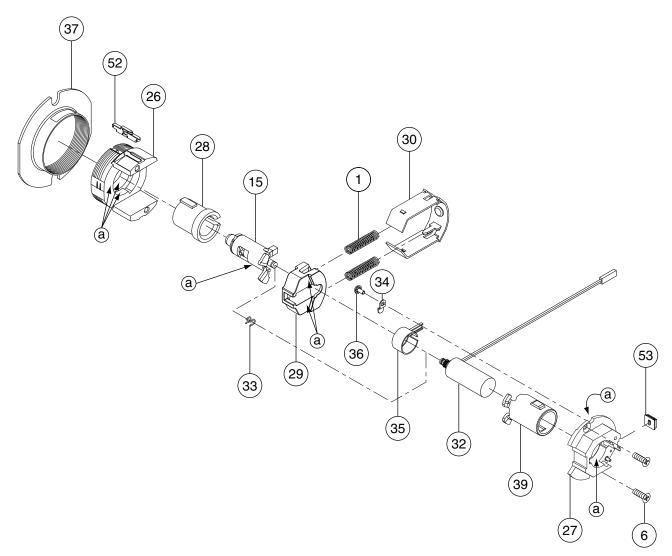
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 48 | RX harness | N523-134 |
| 49 | RX harness screw | N523-135 |
| 51 | RX inside spindle | N523-138 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock— Electrically locked (fail safe)

ND80EL



| ~ | |
|-----|---|
| (a) | Apply light film of 100% synthetic grease on surfaces with brush. |

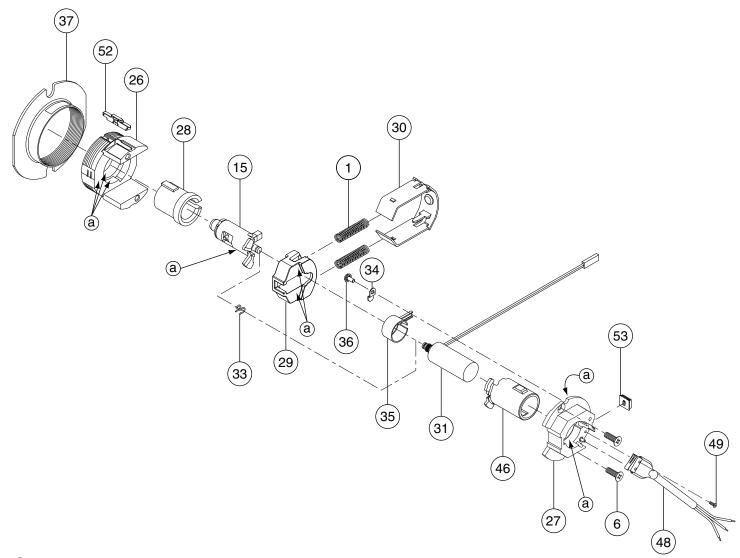
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 32 | Solenoid—EL | N523-027 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 33 | Clip | N523-028 |
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-057 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Chassis

Storeroom lock- Electrically locked (fail safe) with request-to-exit





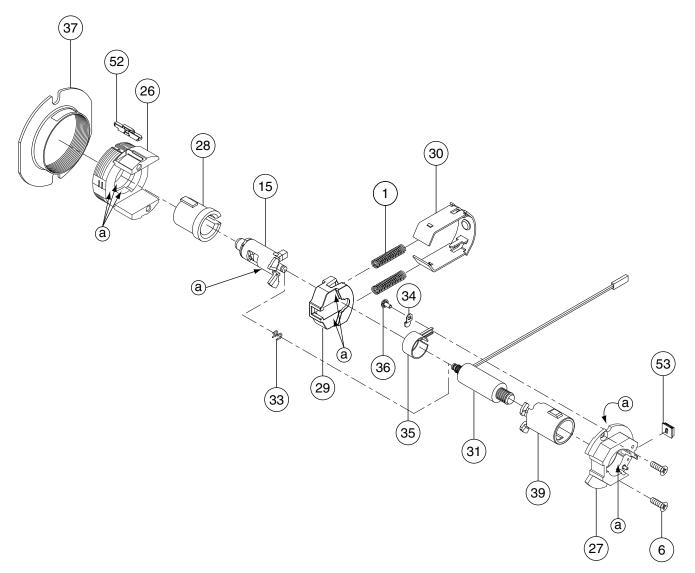
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrifed spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 32 | Solenoid—EL | N523-027 |
| 33 | Clip | N523-028 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 46 | Inside spindle electrified | N523-132 |
| 48 | RX harness | N523-134 |
| 49 | RX harness screw | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock— Electrically unlocked (fail secure)

ND80EU



| \cap | |
|--------|---|
| a | Apply light film of 100% synthetic grease on surfaces with brush. |

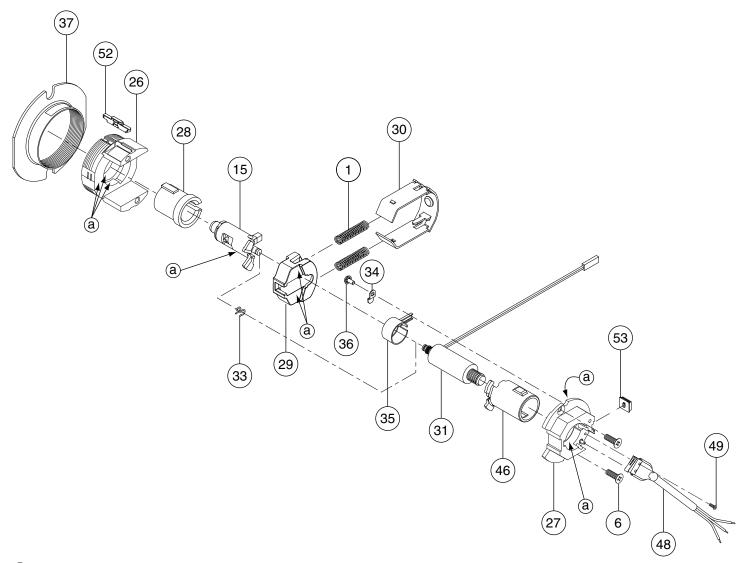
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 31 | Solenoid—EU | N523-026 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 33 | Clip | N523-028 |
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-057 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Chassis

Storeroom lock— Electrically unlocked (fail secure) with request-to-exit

ND80EU RX



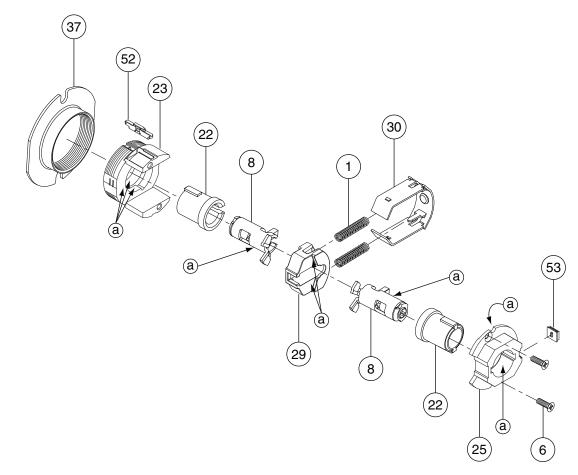
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N123-024 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrifed spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 31 | Solenoid—EU | N523-026 |
| 33 | Clip | N523-028 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 46 | Inside spindle electrified | N523-132 |
| 48 | Harness, RX | N523-134 |
| 49 | Screw, harness, RX | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Institution lock

ND82



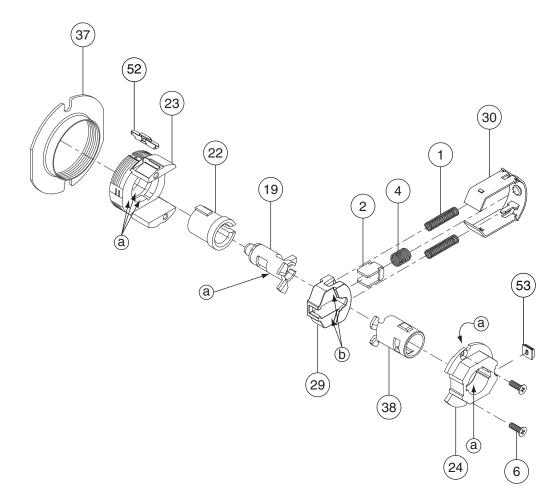
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-109 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Faculty restroom lock

ND85



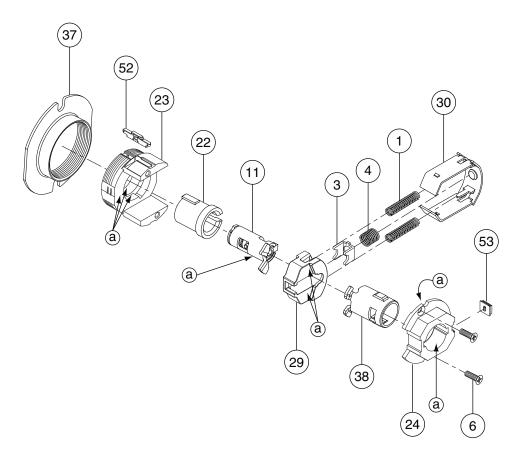
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 19 | Keycam assembly | N123-055 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Entrance/office and entrance lock with Vandlgard®

ND91 and ND92



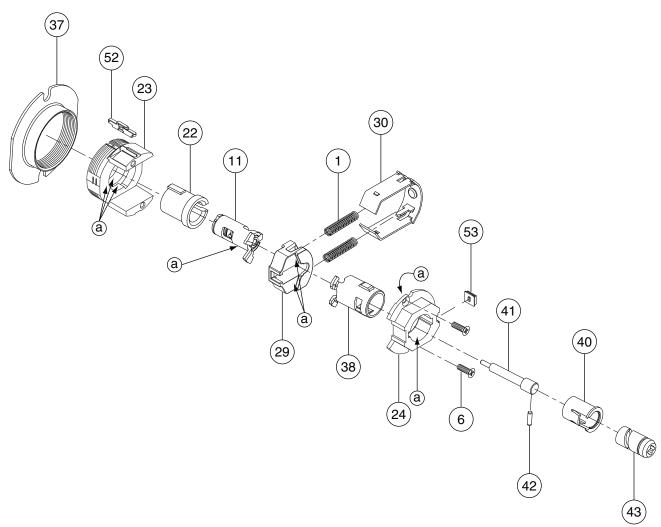
| No. | Description | Part number |
|-----|--------------------|-------------|
| 1 | Slide spring | C503-019 |
| 3 | Slide catch | C604-188 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 11 | Keycam assembly | N123-011 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

(a) Apply light film of 100% synthetic grease on surfaces with brush.

Vestibule lock with Vandlgard®





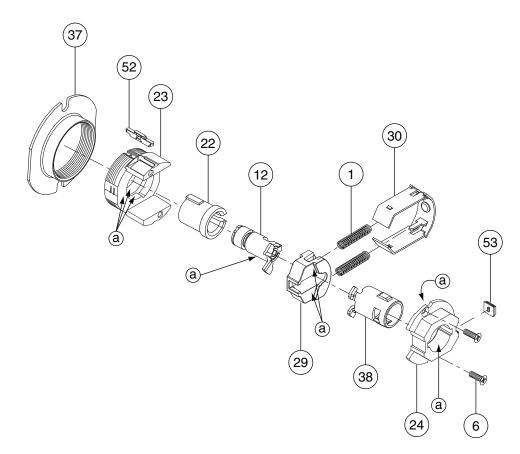
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 11 | Keycam assembly | N123-011 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 40 | Plunger sleeve | N523-063 |
| 41 | Plunger | N523-064 |
| 42 | Campin | N523-065 |
| 43 | Cam | N523-066 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Classroom lock with Vandlgard®

ND94



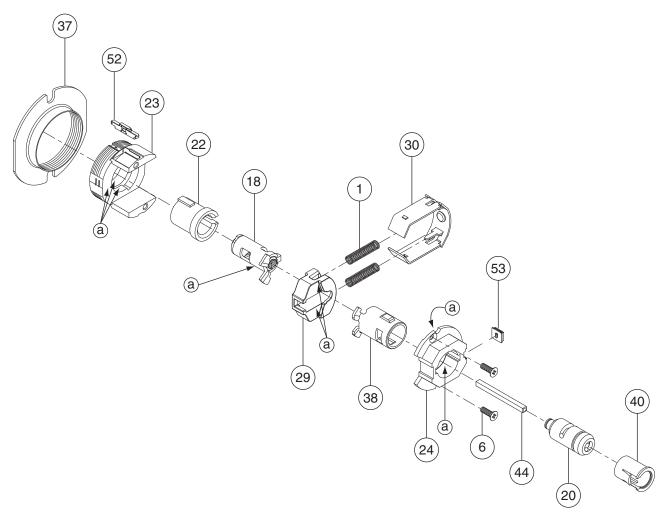
| a | Apply light film of 100% synthetic grease on surfaces with brush. |
|-----|---|
| (u) | Apply light film of 100% synthetic grease on surfaces with brush. |

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 12 | Keycam assembly | N123-012 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Classroom security lock with Vandlgard®

ND95



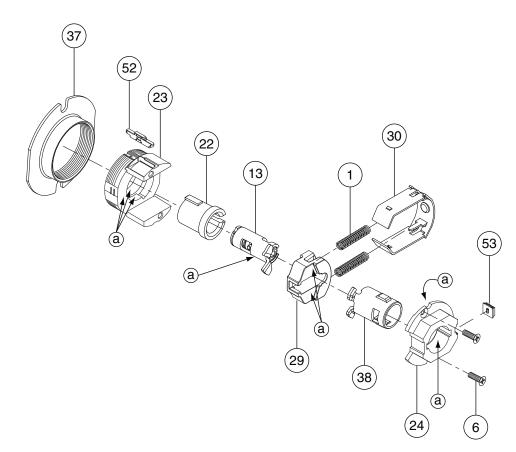
(a) Apply light film of 100% synthetic grease on surfaces with brush.

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 18 | Keycam assembly | N123-054 |
| 20 | Inside cam | N123-059 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 40 | Plunger sleeve | N523-063 |
| 44 | Plunger bar | N523-067 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock with Vandlgard®

ND96



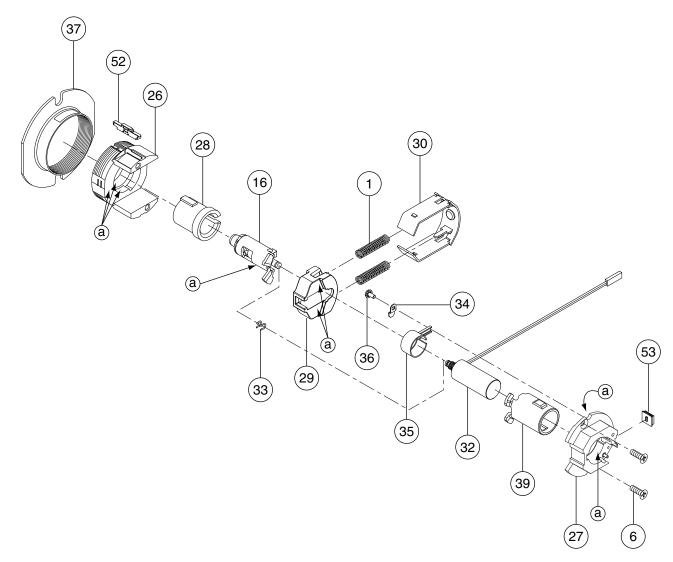
| \frown | |
|----------|---|
| (a) | Apply light film of 100% synthetic grease on surfaces with brush. |

| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 13 | Keycam assembly | N123-013 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock with Vandlgard®— Electrically locked (fail safe)

ND96EL



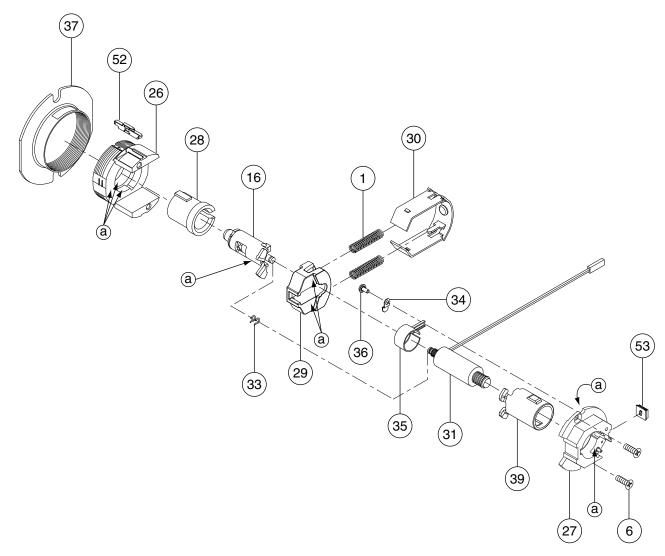
| a | Apply light film of 100% synthetic grease on surfaces with brush. |
|---|---|
| ٩ | Apply light film of 100% synthetic grease on surfaces with brush. |

| No. | Description | Part number |
|-----|--|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 16 | Electrified keycam assembly—Vandlgard $^{	extsf{R}}$ | N123-025 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub—electrified functions | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 32 | Solenoid-EL | N523-027 |

| No. | Description | Part number |
|-----|---------------------------|-------------|
| 33 | Clip | N523-028 |
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified strike | N523-057 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Storeroom lock with Vandlgard®— Electrically unlocked (fail secure)

ND96EU



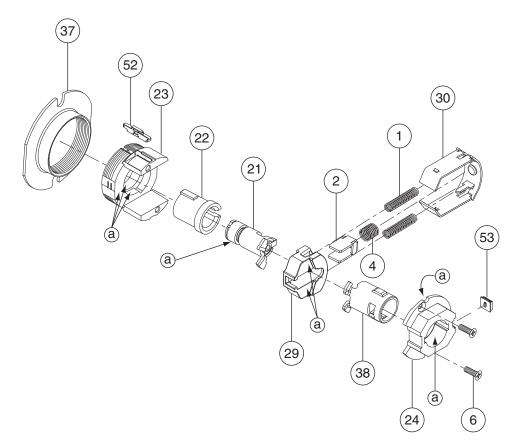
| - | |
|--------|---|
| (a) | Apply light film of 100% synthetic grease on surfaces with brush. |
| \sim | Apply agine nem of 100 /0 synanetic Brease on sonaces with brosh |

| No. | Description | Part number |
|-----|--|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 16 | Electrified keycam assembly–Vandlgard $^{	extsf{R}}$ | N123-025 |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub—electrified functions | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 31 | Solenoid—EU | N523-026 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 33 | Clip | N523-028 |
| 34 | Wire clamp | N523-029 |
| 35 | Sleeve | N523-031 |
| 36 | Wire clamp screw | N523-033 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-057 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Corridor lock with Vandlgard®

ND97



| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 21 | Keycam assembly | N123-097 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

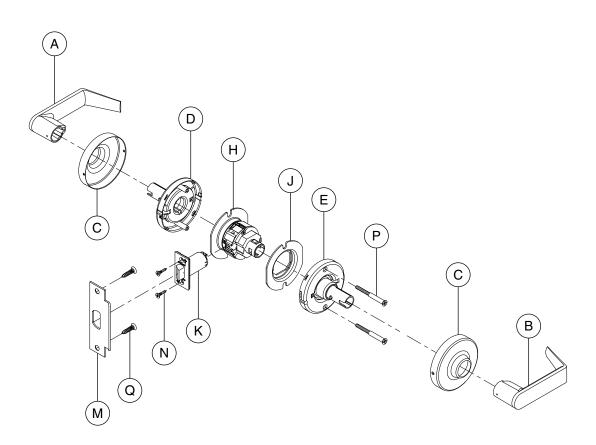
| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-056 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

Trim assemblies

- 44 Passage latch
- 45 Exit lock
- 46 Exit lock request-to-exit
- 47 Exit lock-electrically locked (fail safe)
- 48 Exit lock-electrically locked (fail safe) request-to-exit
- 49 Exit lock and storeroom lock—electrically unlocked (fail secure)
- 50 Exit lock and storeroom lock—electrically unlocked (fail secure) request-to-exit
- 51 Single dummy trim
- 52 Exit lock with blank plate
- 53 Special-classroom exit lock
- 54 Special—storeroom exit lock
- 55 Special-patio lock
- 56 Bath/bedroom privacy lock
- 57 Hospital privacy lock
- 58 Entrance/office lock
- 59 Entrance lock
- 60 Vestibule lock
- 61 ND60 with closed outside lever: special
- 62 Store lock
- 63 Classroom lock
- 64 Special-classroom by storeroom lock
- 65 Special-communicating lock
- 66 Special–communicating lock with Vandlgard®
- 67 Corridor lock
- 68 Classroom security lock
- 69 Storeroom lock
- 70 Storeroom lock with request-to-exit
- 71 Storeroom lock- electrically locked (fail safe)
- 72 Storeroom lock—electrically locked (fail safe) with requestto-exit
- 73 Storeroom lock-electrically unlocked (fail secure)
- 74 Storeroom lock—electrically unlocked (fail secure) with request-to-exit
- 75 Institution lock
- 76 Faculty restroom lock
- 77 Entrance/office lock wtih Vandlgard®
- 78 Entrance lock with Vandlgard®
- 79 Vestibule with Vandlgard®
- 80 Classroom lock with Vandlgard®
- 81 Classroom security lock with Vandlgard®
- 82 Storeroom lock with Vandlgard®
- 83 Storeroom lock with Vandlgard®— electrically locked (fail safe)
- 84 Storeroom lock with Vandlgard®—electrically unlocked (fail secure)
- 85 Corridor lock with Vandlgard®

Passage latch

ND10

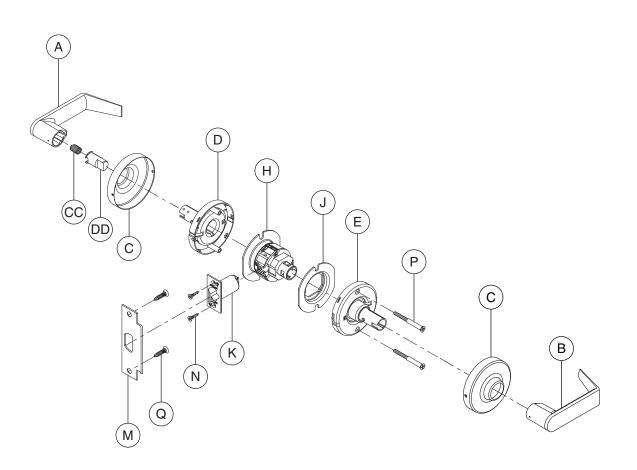


| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| в | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-043 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088254* |

| Letter | Description | Part number |
|--------|---------------------|-------------|
| J | Anti-rotation plate | N523-055 |
| К | Springlatch | 13-048 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |

Exit lock

ND12

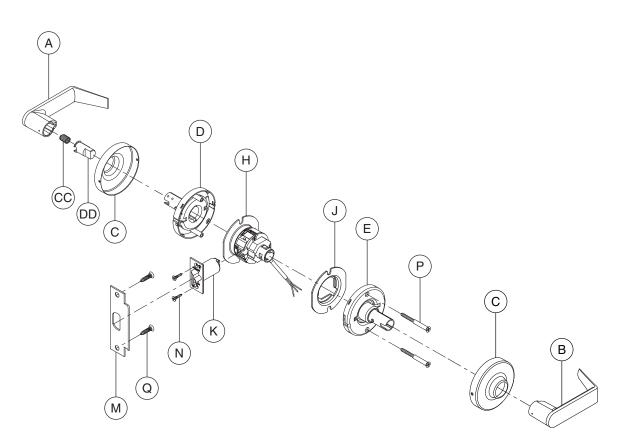


| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| Н | Chassis | 24088262* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Springlatch | 13-048 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| СС | Spring | C503-331 |
| DD | Catch stop | N523-041 |

Exit lock request-to-exit

ND12 RX

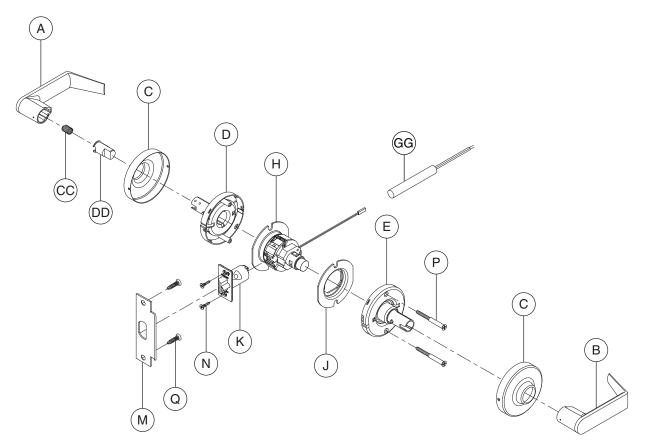


| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| в | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088437* |
| J | Anti-rotation plate | N523-131 |

| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Springlatch | 13-048 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| CC | Spring | C503-331 |
| DD | Catch stop | N523-041 |

Exit lock—electrically locked (fail safe)

ND12EL



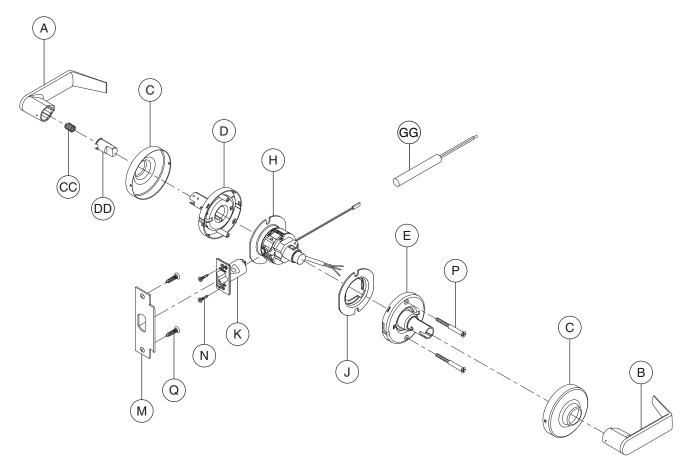
| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 63-106* |
| J | Anti-rotation plate | N523-055 |
| К | Electrified latch | ** |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| м | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| СС | Spring | C503-331 |
| DD | Catch stop | N523-041 |
| GG | AC rectifier circuit | C303-439 |

** Not sold separately as a part.

Exit lock—electrically locked (fail safe) request-to-exit





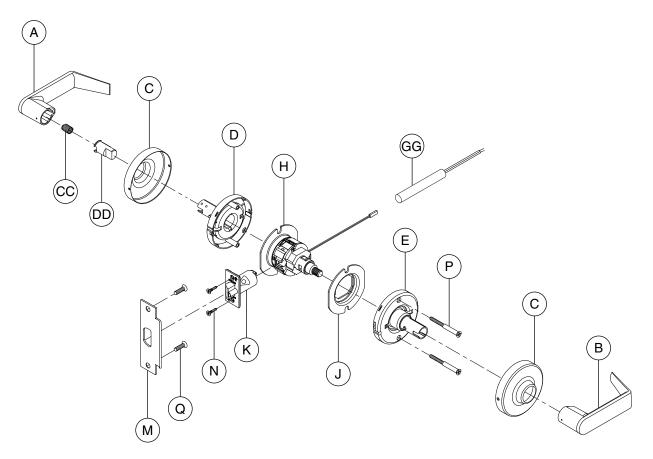
| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| Α | Outside lever—closed | 03-030 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 63-215* |
| J | Anti-rotation plate | N523-131 |
| К | Electrified latch | ** |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| СС | Spring | C503-331 |
| DD | Catch stop | N523-041 |
| GG | AC rectifier circuit | C303-439 |

** Not sold separately as a part.

Exit lock and storeroom lock-electrically unlocked (fail secure)

ND12EU



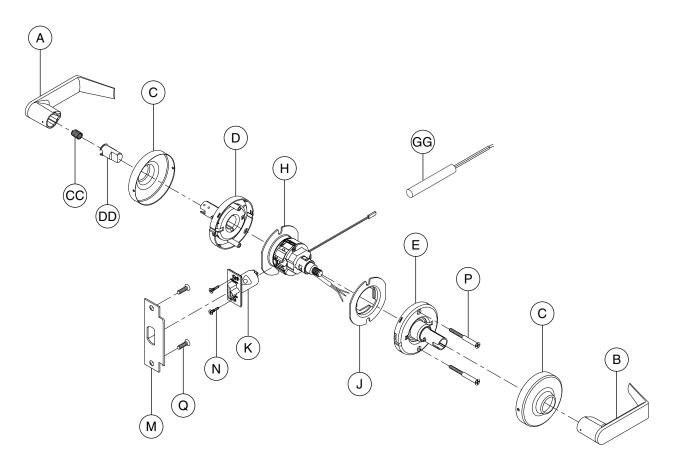
| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| Н | Chassis | 63-105* |
| J | Anti-rotation plate | N523-055 |
| К | Electrified latch | ** |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| СС | Spring | C503-331 |
| DD | Catch stop | N523-041 |
| GG | AC rectifier circuit | C303-439 |

** Not sold separately as a part.

Exit lock and storeroom lock—electrically unlocked (fail secure) request-to-exit

ND12EU RX



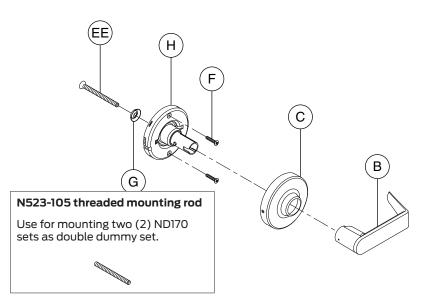
| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—passage | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| Н | Chassis | 63-216* |
| J | Anti-rotation plate | N523-131 |
| К | Electrified latch | ** |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| СС | Spring | C503-331 |
| DD | Catch stop | N523-041 |
| GG | AC rectifier circuit | C303-439 |

** Not sold separately as a part.

Single dummy trim

ND170

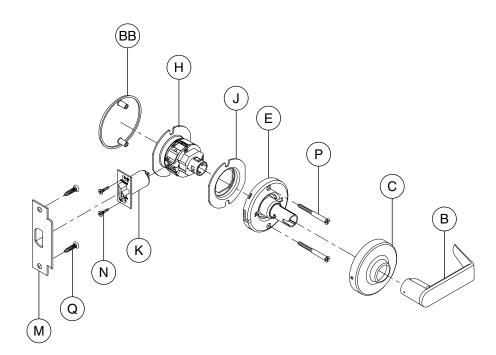


| Letter | Description | Part number | |
|--------|-----------------------|-------------|--|
| В | Inside lever—closed | 03-030 | |
| С | Rose | 03-042 | |
| F | Dummy mounting screws | L583-133 | |

| Letter | Description | Part number |
|--------|--------------------|-------------|
| G | Washer | A501-171 |
| Н | Chassis | 63-104* |
| EE | Dummy through bolt | N523-092 |

Exit lock with blank plate

ND25



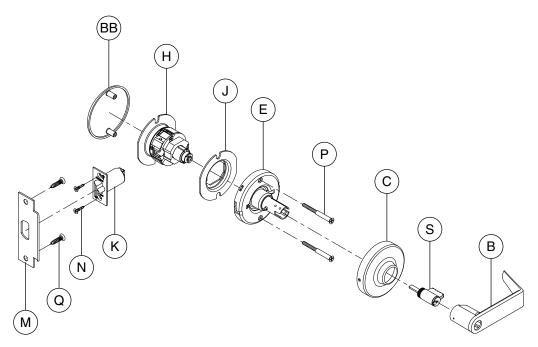
| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088296* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

| Letter | Description | Part number |
|--------|----------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| BB | Blank plate | N523-002 |

Special—classroom exit lock

ND25X70

ND25X70PD (shown), ND25X70RD†, ND25X70GD†



| L | .etter | Description | Part number | Letter | Description |
|----------|--------|---|-------------|--------|---------------|
| | В | Inside lever—open | 03-031 | М | Strike |
| | С | Rose | 03-042 | N | Latch screw |
| | E | Inside spring cage—keyed inside except SFIC | N123-021 | Р | Mounting scre |
| | н | Chassis | 24088213* | Q | Strike screw |
| . | J | Anti-rotation plate | N523-055 | S | Cylinder—6-p |
| | К | Deadlatch | 13-047 | BB | Blank plate |

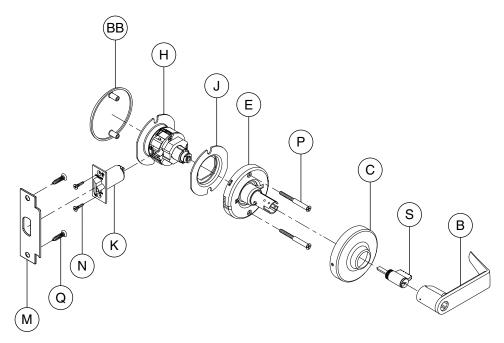
| Letter | Description | Part number |
|--------|----------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| BB | Blank plate | N523-002 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Special—storeroom exit lock

ND25X80

ND25X80PD (shown), ND25X80RD†, ND25X80GD†



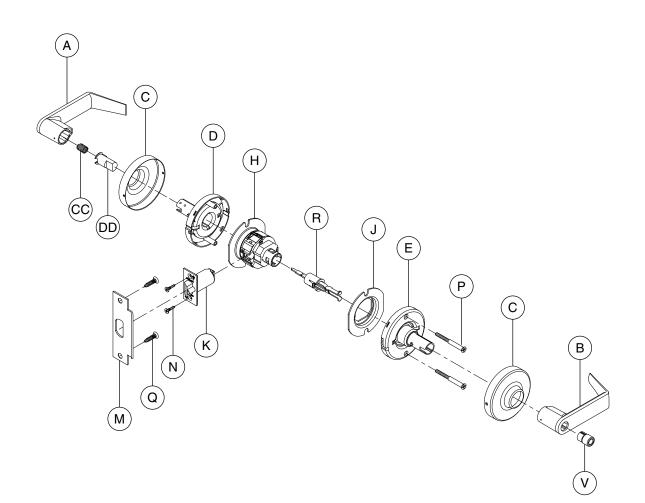
| Letter | Description | Part number | |
|--------|---|-------------|--|
| В | Inside lever—open | 03-031 | |
| С | Rose | 03-042 | |
| E | Inside spring cage—keyed inside except SFIC | N123-021 | |
| Н | Chassis | 24088221* | |
| J | Anti-rotation plate | N523-055 | |
| К | Deadlatch | 13-047 | |
| М | Strike | 10-025 | |

| Letter | Description | Part number |
|--------|----------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| BB | Blank plate | N523-002 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Special—patio lock

ND30

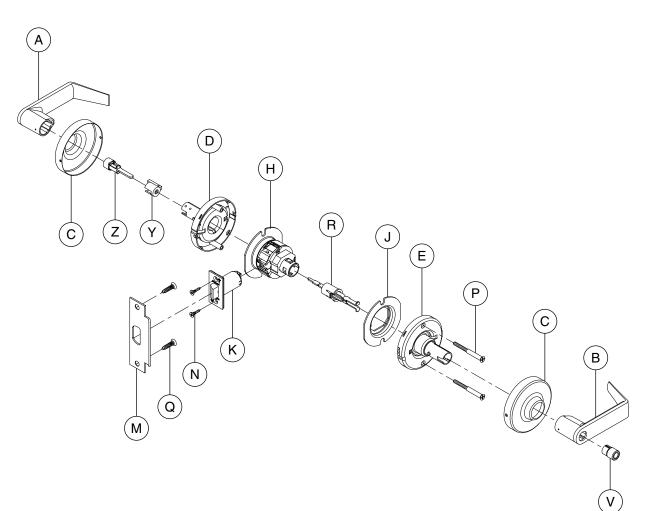


| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—closed | 03-030 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088304* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

| Letter | Description | Part number |
|--------|---------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| V | Push button | N523-000 |
| СС | Spring | C503-331 |
| DD | Catch stop | N523-041 |

Bath/bedroom privacy lock



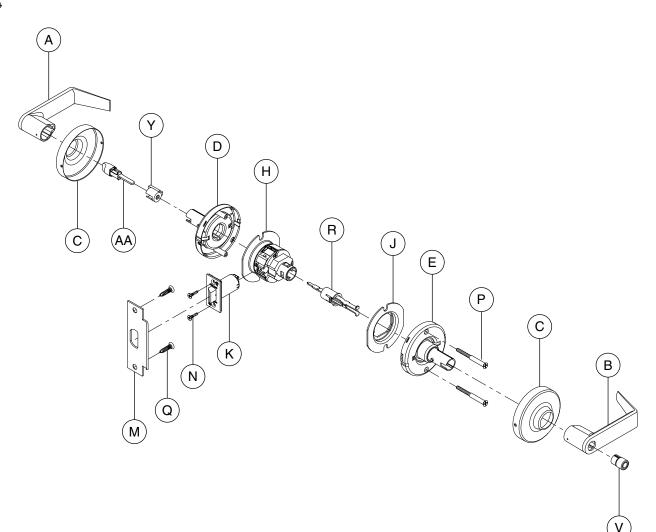


| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088304* |
| J | Anti-rotation plate | N523-055 |
| К | Springlatch | 13-048 |

| Letter | Description | Part number |
|--------|------------------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| V | Push button | N523-000 |
| Y | Emergency cylinder | N523-020 |
| Z | Emergency button and plunger | N123-034 |

Hospital privacy lock

ND44



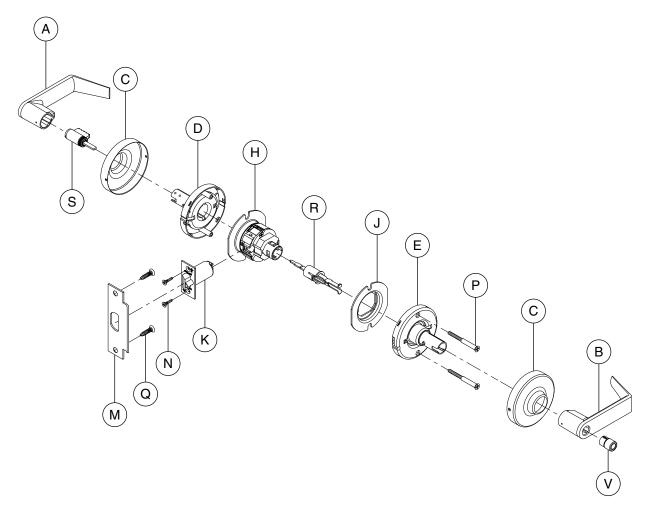
| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088304* |
| J | Anti-rotation plate | N523-055 |
| К | Springlatch | 13-048 |

| Letter | Description | Part number |
|--------|-----------------------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| V | Push button | N523-000 |
| Y | Emergency cylinder | N523-020 |
| AA | Emergency turn button and plunger | N123-035 |

Entrance/office lock

ND50

ND50PD (shown), ND50RD†, ND50GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088247* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

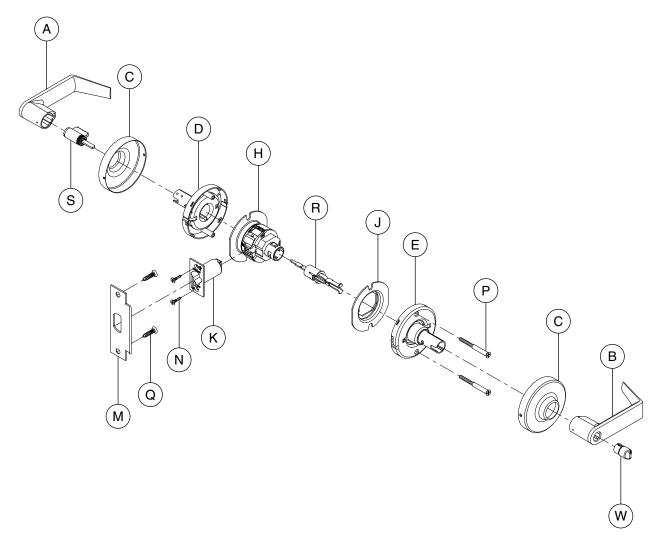
| Letter | Description | Part number |
|--------|---------------------|-------------|
| м | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-000 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Entrance lock

ND53

ND53PD (shown), ND53RD†, ND53GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside Lever—Open | 03-031 |
| В | Inside Lever—Open | 03-031 |
| С | Rose | 03-042 |
| D | Outside Spring Cage—Standard | N123-022 |
| E | Inside Spring Cage—Standard | N123-032 |
| н | Chassis | 24088247* |
| J | Anti-Rotation Plate | N523-055 |
| К | Deadlatch | 13-047 |

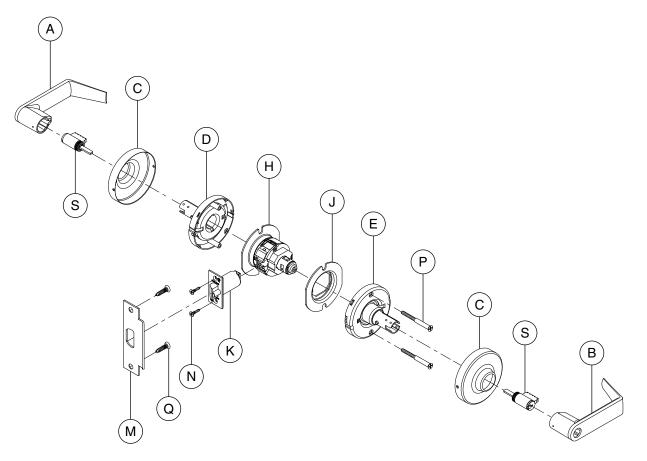
| Letter | Description | Part number |
|--------|-----------------------|-------------|
| М | Strike | 10-025 |
| N | Latch Screw | C603-897 |
| Р | Mounting Screw | N523-021 |
| Q | Strike Screw | C603-256 |
| R | Plunger—Push and Turn | N123-017 |
| S | Cylinder—6-Pin | 23-065 |
| W | Push and Turn Button | N523-001 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Vestibule lock

ND60

ND60PD (shown), ND60RD†, ND60GD†



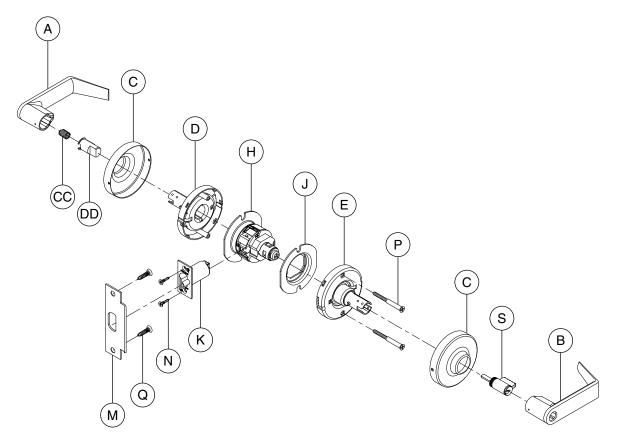
| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| н | Chassis | 24088320* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

ND60 with closed outside lever: special

ND60PD with closed outside lever (shown), ND60RD†, ND60GD†



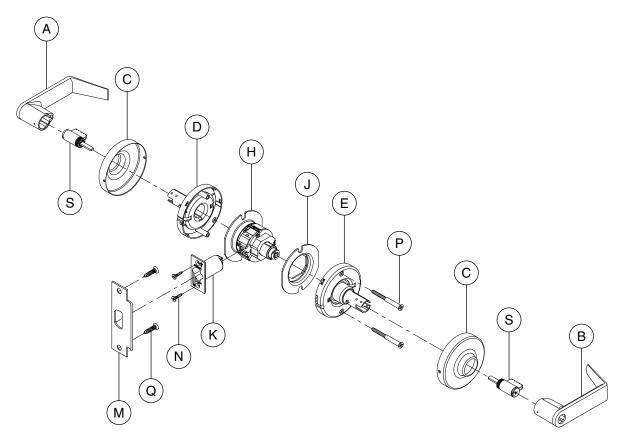
| Letter | Description | Part number | | Letter | Letter Description | Letter Description |
|--------|---|-------------|---|--------|--------------------|--------------------|
| | Outside lever—closed | 03-030 | | м | M Strike | M Strike |
| 3 | Inside lever—open | 03-031 | | N | N Latch screw | N Latch screw |
| 2 | Rose | 03-042 | | Р | P Mounting screw | P Mounting screw |
| D | Outside spring cage—standard | N123-022 | | Q | Q Strike screw | Q Strike screw |
| E | Inside spring cage—keyed inside except SFIC | N123-021 | | S | S Cylinder—6-pin | S Cylinder—6-pin |
| Н | Chassis | 24088320* | 1 | СС | CC Spring | CC Spring |
| J | Anti-rotation plate | N523-055 | | DD | DD Catch stop | DD Catch stop |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Store lock

ND66

ND66PD (shown), ND66RD†, ND66GD†



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| Н | Chassis | 24088338* |
| J | Anti-rotation plate | N523-055 |

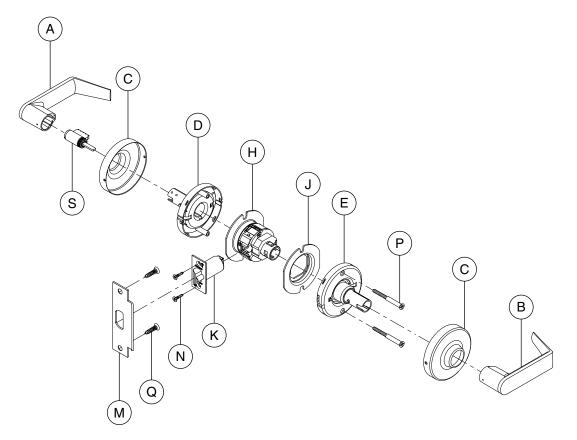
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Classroom lock

ND70

ND70PD (shown), ND70RD†, ND70GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| Н | Chassis | 24088346* |
| J | Anti-rotation plate | N523-055 |

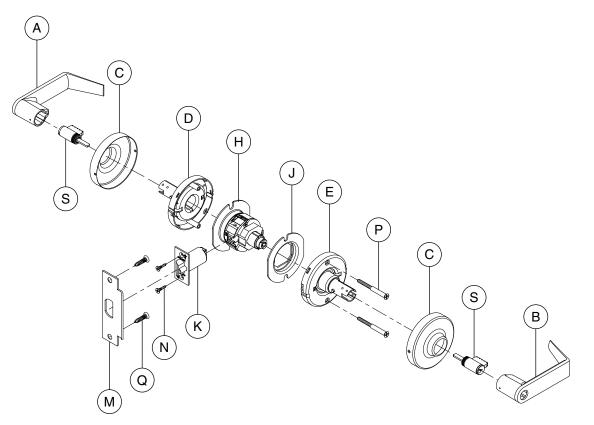
| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Special—classroom by storeroom lock

ND70X80

ND70X80PD (shown), NDX80RD†, ND70X80GD†



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| н | Chassis | 24088239* |
| J | Anti-rotation plate | N523-055 |

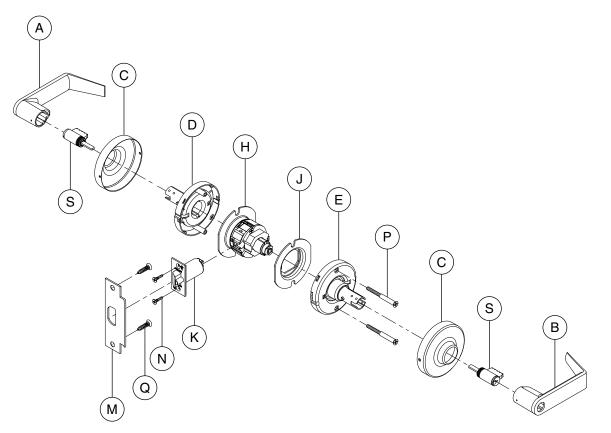
| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Special—communicating lock

ND72

ND72PD (shown), ND72RD†, ND72GD†



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| Н | Chassis | 24088197* |
| J | Anti-rotation plate | N523-055 |

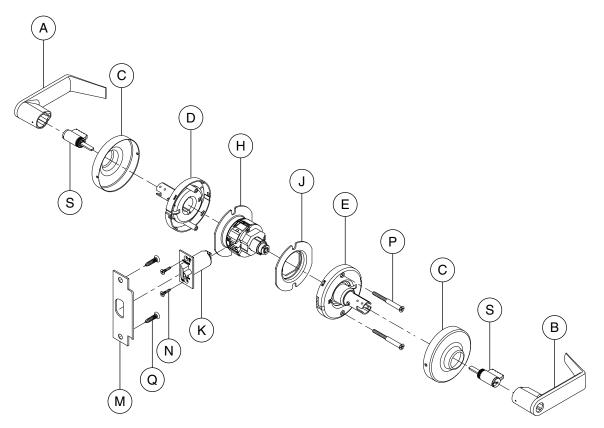
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Special—communicating lock with Vandlgard®

ND72 Vandlgard®

ND72PD Vandlgard[®] (shown), ND72RD Vandlgard[®]*, ND72GD Vandlgard[®]*



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| Н | Chassis | 24088205* |
| J | Anti-rotation plate | N523-055 |

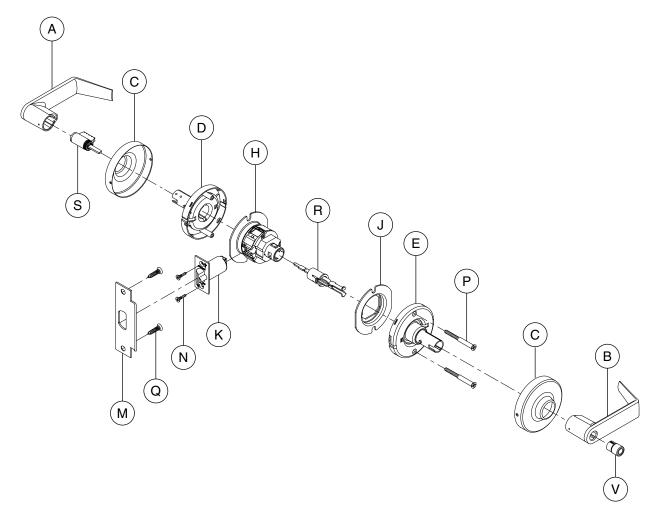
| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Corridor lock

ND73

ND73PD (shown), ND73RD†, ND73GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088353* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

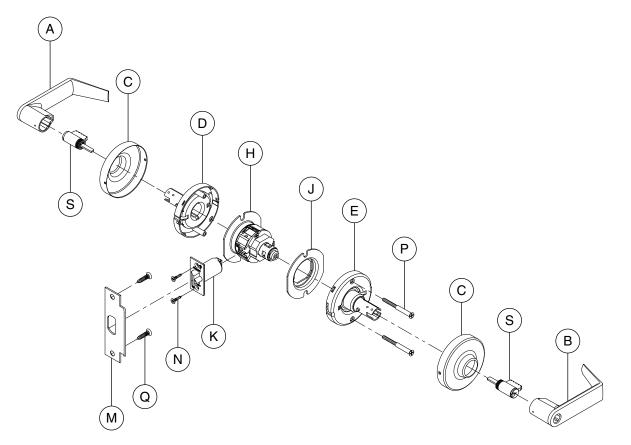
| Letter | Description | Part number |
|--------|---------------------|-------------|
| м | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-000 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Classroom security lock

ND75

ND75PD (shown), ND75RD†, ND75GD†



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| в | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| н | Chassis | 24088163* |
| J | Anti-rotation plate | N523-055 |

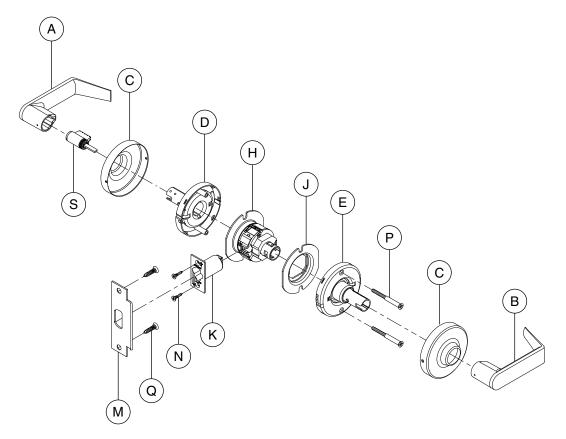
| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Storeroom lock

ND80

ND80PD (shown), ND80RD†, ND80GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088262* |
| J | Anti-rotation plate | N523-055 |

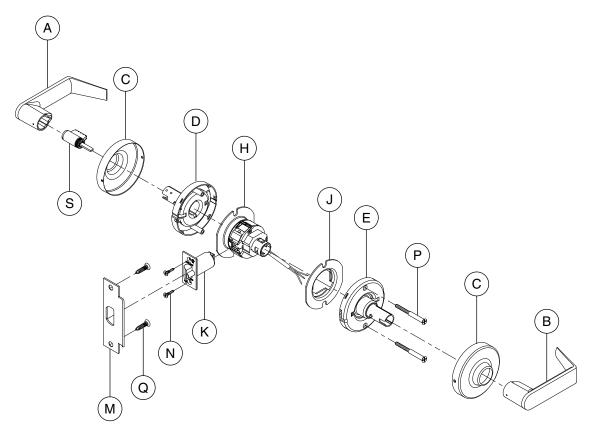
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Storeroom lock with request-to-exit

ND80 RX

ND80PD RX (shown), ND80RD RX, ND80GD RX



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| Н | Chassis | 24088437* |
| J | Anti-rotation plate | N523-131 |

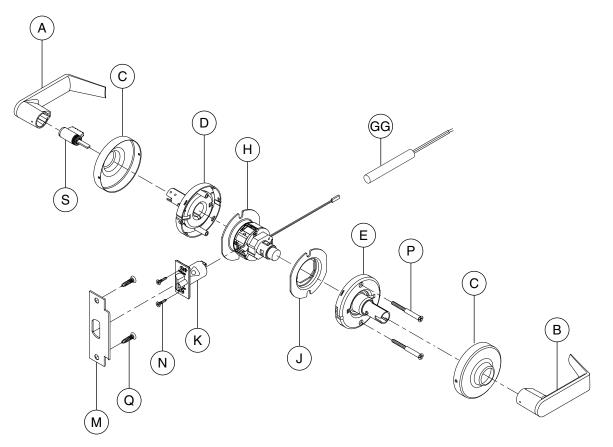
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see 92.

Storeroom lock—electrically locked (fail safe)

ND80EL

ND80ELPD (shown), ND80ELRD†, ND80ELGD†



| Letter | Description | Part number | L |
|--------|------------------------------|-------------|---|
| А | Outside lever—open | 03-031 | ł |
| в | Inside lever—closed | 03-030 | M |
| С | Rose | 03-042 | ١ |
| D | Outside spring cage—standard | N123-022 | F |
| E | Inside spring cage—standard | N123-032 | ς |
| н | Chassis | 63-106* | S |
| J | Anti-rotation plate | N523-055 | G |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| к | Electrified latch | ** |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | AC rectifier circuit | C303-439 |

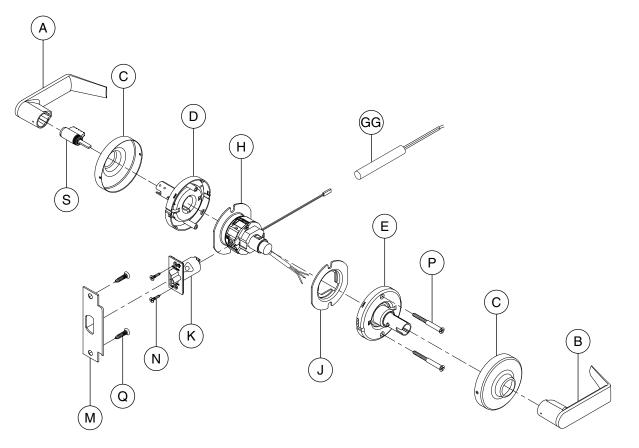
† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

** Not sold separately as a part.

Storeroom lock-electrically locked (fail safe) with request-to-exit

ND80EL RX

ND80ELPD RX (shown), ND80ELRD RX, ND80ELGD RX



| Letter | Description | Part number | Letter | Description | |
|--------|------------------------------|-------------|--------|----------------------|--|
| А | Outside Lever—Open | 03-031 | к | Electrified Latch | |
| В | Inside Lever—Closed | 03-030 | м | Strike | |
| С | Rose | 03-042 | N | Latch Screw | |
| D | Outside Spring Cage—Standard | N123-022 | Р | Mounting Screw | |
| E | Inside Spring Cage—Standard | N123-032 | Q | Strike Screw | |
| н | Chassis | 63-215* | S | Cylinder—6-Pin | |
| J | Anti-Rotation Plate | N523-131 | GG | AC Rectifier Circuit | |

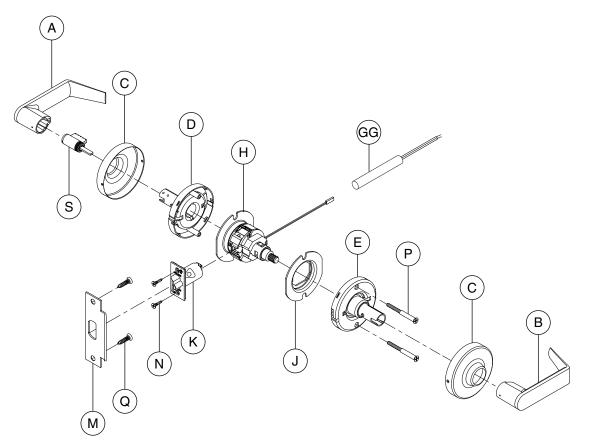
† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

** Not sold separately as a part.

Storeroom lock—electrically unlocked (fail secure)

ND80EU

ND80EUPD (shown), ND80EURD†, ND80EUGD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 63-105* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| к | Electrified latch | ** |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Ac rectifier circuit | C303-439 |

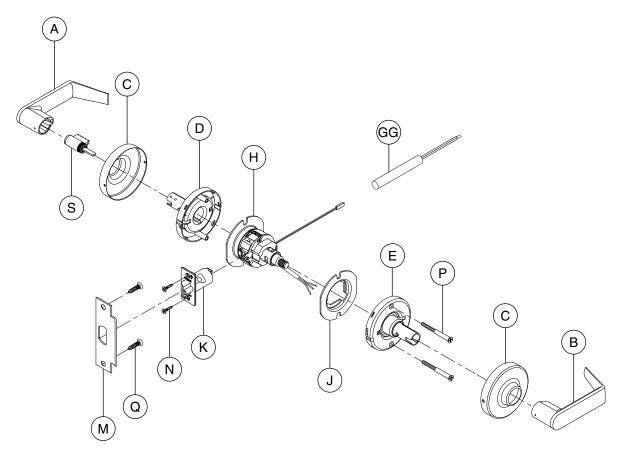
For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

** Not sold separately as a part.

Storeroom lock—electrically unlocked (fail secure) with request-to-exit

ND80EU RX

ND80EUPD RX (shown), ND80EURD RX, ND80EUGD RX



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 63-216* |
| J | Anti-rotation plate | N523-131 |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| к | Electrified latch | ** |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | AC rectifier circuit | C303-439 |

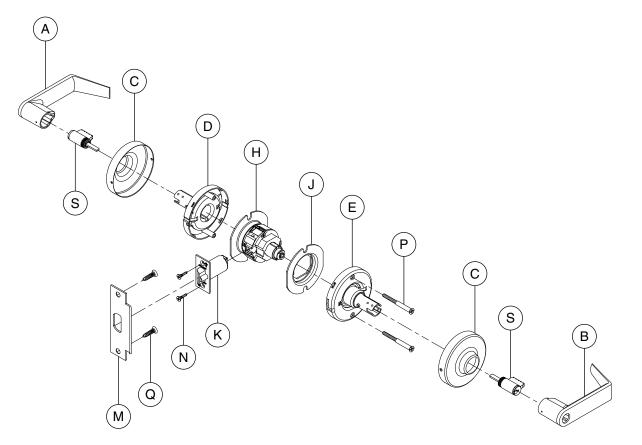
† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

** Not sold separately as a part.

Institution lock

ND82

ND82PD (shown), ND82RD†, ND82GD†



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| н | Chassis | 24088361* |
| J | Anti-rotation plate | N523-055 |

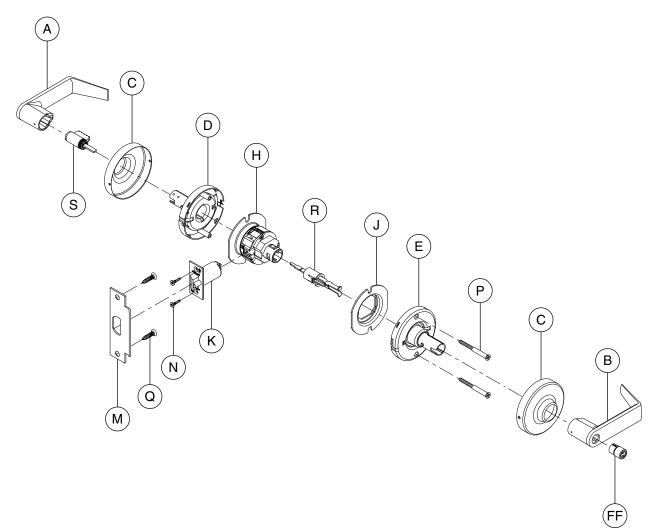
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6 pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Faculty restroom lock

ND85

ND85PD



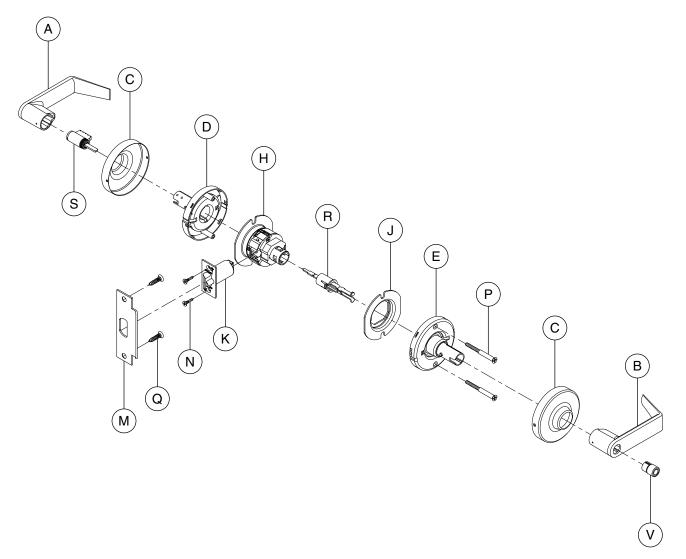
| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088411* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|---------------------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push and turn | N123-017 |
| S | Cylinder—6-pin indicator | 23-003 |
| FF | Push button with spanner access | N523-124 |

Entrance/office lock wtih Vandlgard®

ND91

ND91PD (shown), ND91RD†, ND91GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| в | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088379* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

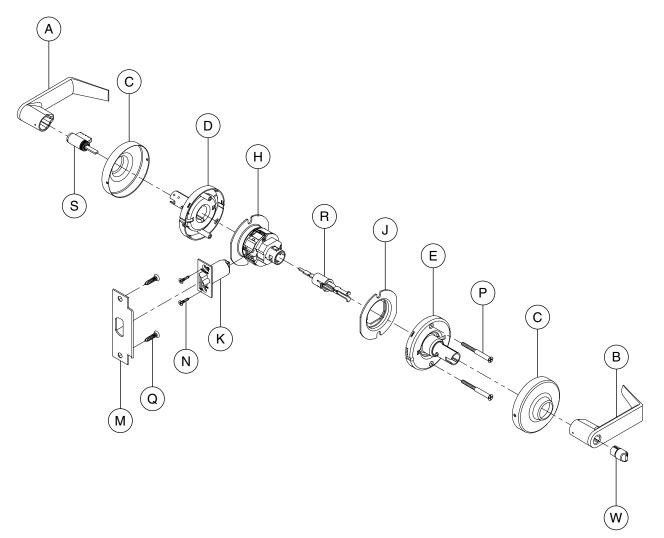
| Letter | Description | Part number |
|--------|---------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-000 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Entrance lock with Vandlgard®

ND92

ND92PD (shown), ND92RD†, ND92GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088379* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

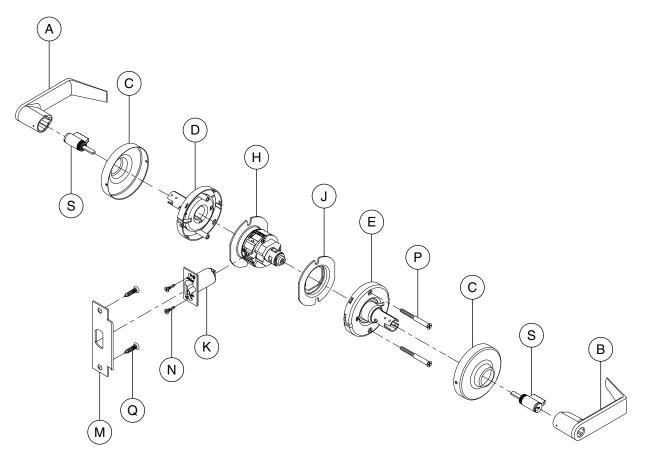
| Letter | Description | Part number |
|--------|-----------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push and turn | N123-017 |
| S | Cylinder—6-pin | 23-065 |
| W | Push and turn button | N523-001 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Vestibule with Vandlgard®

ND93

ND93PD (shown), ND93RD†, ND93GD†



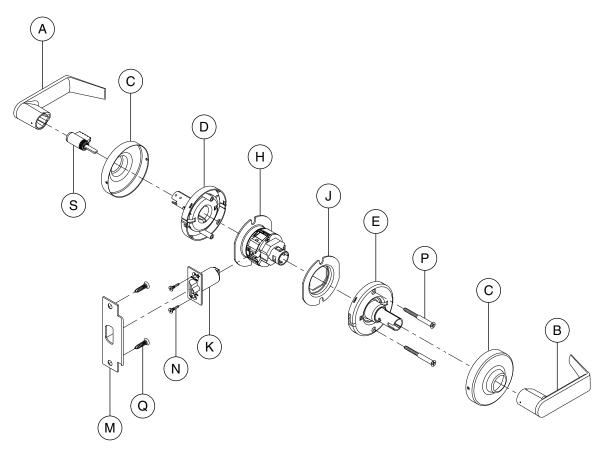
| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| н | Chassis | 24088387* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

Classroom lock with Vandlgard®

ND94

ND94PD (shown), ND94RD†, ND94GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| в | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088395* |
| J | Anti-rotation plate | N523-055 |

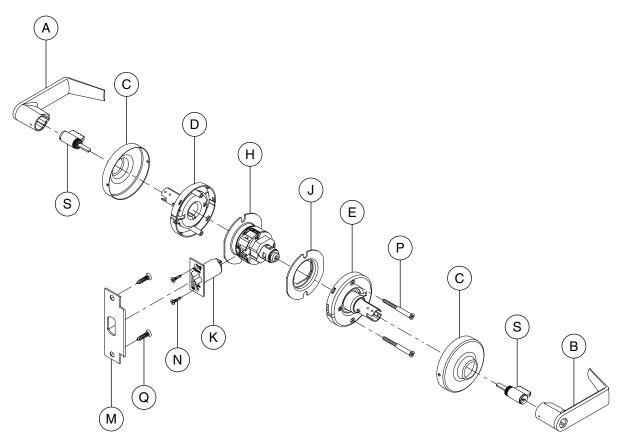
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Dead latch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Classroom security lock with Vandlgard®

ND95

ND95PD (shown), ND95RD†, ND95GD†



| Letter | Description | Part number |
|--------|---|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—keyed inside except SFIC | N123-021 |
| н | Chassis | 24088171* |
| J | Anti-rotation plate | N523-055 |

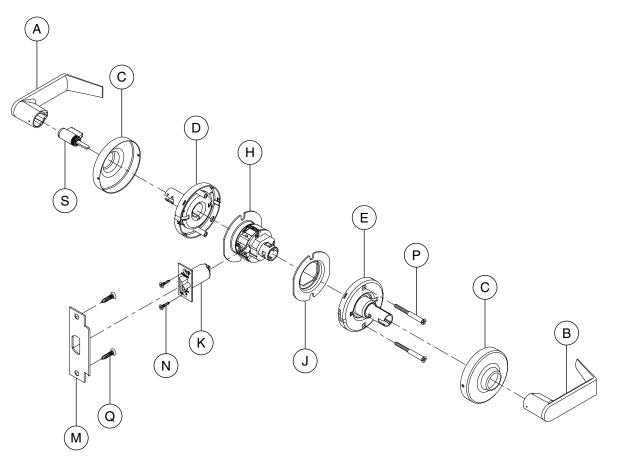
| Letter | Description | Part number |
|--------|----------------|-------------|
| к | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

+ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Storeroom lock with Vandlgard®

ND96

ND96PD (shown), ND96RD†, ND96GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| В | Inside lever—closed | 03-030 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088403* |
| J | Anti-rotation plate | N523-055 |

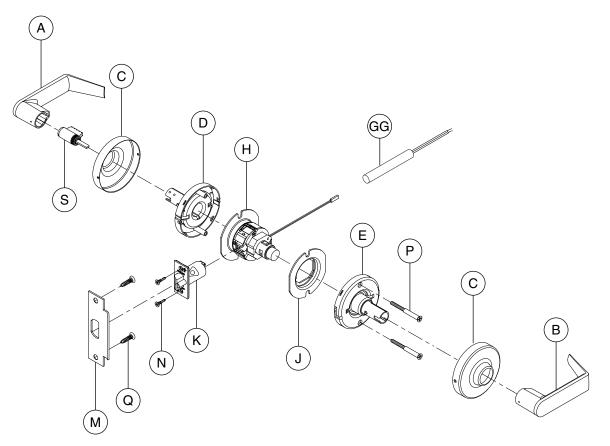
| Letter | Description | Part number |
|--------|----------------|-------------|
| К | Deadlatch | 13-047 |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |

† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Storeroom lock with Vandlgard®— electrically locked (fail safe)

ND96EL

ND96ELPD (shown), ND96ELRD†, ND96ELGD†



| Letter | Description | Part number | L |
|--------|------------------------------|-------------|---|
| А | Outside lever—open | 03-031 | |
| В | Inside lever—closed | 03-030 | |
| С | Rose | 03-042 | |
| D | Outside spring cage—standard | N123-022 | |
| E | Inside spring cage—standard | N123-032 | |
| н | Chassis | 63-108* | |
| J | Anti-rotation plate | N523-055 | Γ |

| Letter | Description | Part number |
|--------|----------------------|-------------|
| К | Electrified latch | ** |
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | AC rectifier circuit | C303-439 |

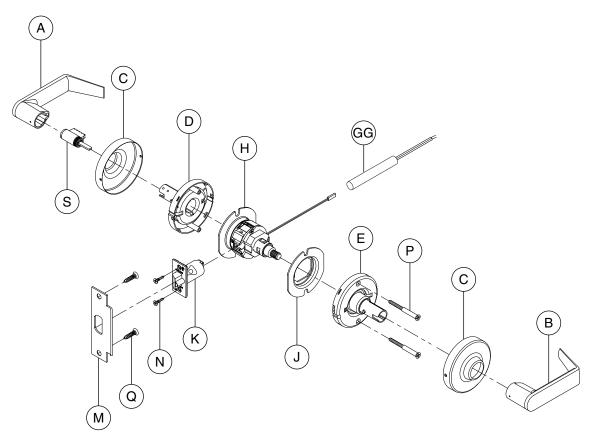
† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

** Not sold separately as a part.

Storeroom lock with Vandlgard®—electrically unlocked (fail secure)

ND96EU

ND96EUPD (shown), ND96EURD†, ND96EUGD†



| Letter | Description | Part number | | Letter | Letter Description |
|--------|------------------------------|-------------|---|--------|-------------------------|
| Д | Outside lever—open | 03-031 | | к | K Electrified latch |
| В | Inside lever—closed | 03-030 | | М | M Strike |
| 2 | Rose | 03-042 | 1 | N | N Latch screw |
| D | Outside spring cage—standard | N123-022 | | Р | P Mounting screw |
| E | Inside spring cage—standard | N123-032 | 1 | Q | Q Strike screw |
| Н | Chassis | 63-107* | | S | S Cylinder—6-pin |
| J | Anti-rotation plate | N523-055 | | GG | GG AC rectifier circuit |

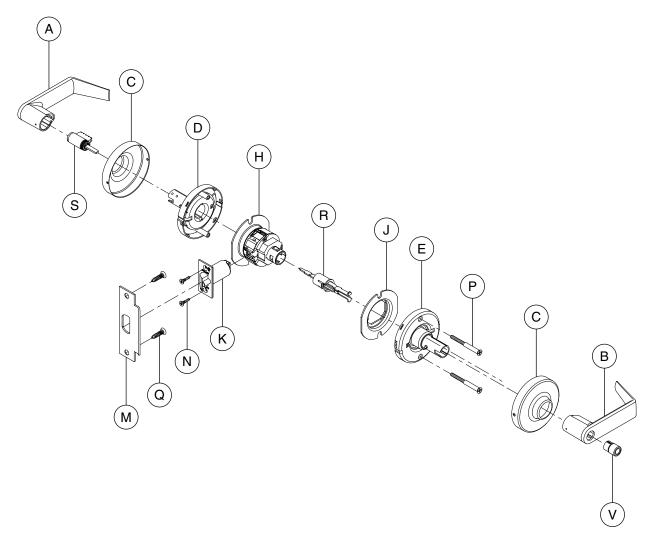
† For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

** Not sold separately as a part.

Corridor lock with Vandlgard®

ND97

ND97PD (shown), ND97RD†, ND97GD†



| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—open | 03-031 |
| в | Inside lever—open | 03-031 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| E | Inside spring cage—standard | N123-032 |
| н | Chassis | 24088189* |
| J | Anti-rotation plate | N523-055 |
| К | Deadlatch | 13-047 |

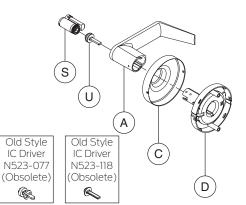
| Letter | Description | Part number |
|--------|---------------------|-------------|
| М | Strike | 10-025 |
| N | Latch screw | C603-897 |
| Р | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-028 |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-000 |

+ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see 92.

Parts and kits

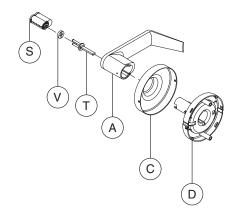
Full size IC and SFIC (small format interchangeable core) configurations

Full size IC—outside



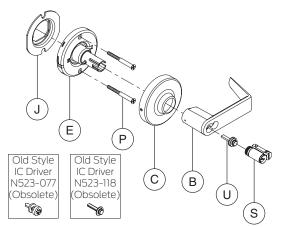
| Letter | Description | Part number |
|--------|------------------------------|-------------|
| А | Outside lever—full size IC | 03-032 |
| С | Rose | 03-042 |
| D | Outside spring cage—standard | N123-022 |
| S | Cylinder—full size IC | 23-030 |
| U | IC driver | N523-127 |

SFIC—outside



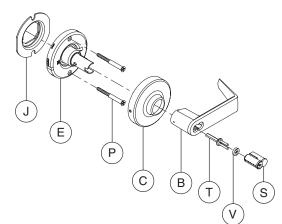
| Letter | Description | Part number |
|--------|-------------------------------------|-------------|
| А | Outside lever—SFIC | 03-000 |
| С | Rose | 03-042 |
| D | Outside spring cage—SFIC | N123-056 |
| S | Cylinder—SFIC | 80-037 |
| Т | SFIC driver | N523-091 |
| V | Small format IC spacer (6-pin only) | D500-000 |

Full size IC—outside



| Letter | Description | Part number |
|--------|--|-------------|
| В | Inside lever—full size IC | 03-032 |
| С | Rose | 03-042 |
| E | Inside spring cage —keyed inside except SFIC | N123-021 |
| J | Anti-rotation plate | N523-055 |
| Р | Mounting screw | N523-021 |
| S | Cylinder—full size IC | 23-030 |
| U | IC driver | N523-127 |

SFIC-outside



| Letter | Description | Part number |
|--------|-------------------------------------|-------------|
| В | Inside lever—SFIC | 03-000 |
| С | Rose | 03-042 |
| E | Inside spring cage—SFIC | N123-057 |
| J | Anti-rotation plate | N523-055 |
| Р | Mounting screw | N523-021 |
| S | Cylinder—SFIC | 80-037 |
| V | Small format IC spacer (6-pin only) | D500-000 |

Lever designs

All lever designs are available in finishes 605, 606, 612, 613, 619, 625, 626 and 626AM.

| | Closed levers | Open levers | Interchangeable core levers** | SFIC levers |
|-----------------------|--|------------------------|-------------------------------------|----------------------|
| Athens (ATH) | 03-030 ATH | 03-031 ATH | 03-032 ATH | 03-000 ATH |
| ⊤ ∦с⊣ | A=2 ³ /4" | A=2¾" | A=3" | A=2 ⁷ /8" |
| 51/8" A | B=3 ⁵ /16" | B=35/16" | B=3½" | B=3%" |
| 37/16" | C=2½" | C=21/2" | C=2 ¹¹ / ₁₆ " | C=21/2" |
| ⊢в⊣ | | | | |
| Rhodes (RHO) | 03-030 RHO | 03-031 RHO | 03-032 RHO | 03-000 RHO |
| T ∕────────── | A=2 ⁷ /16" | A=2 ⁷ /16" | A=2¾" | A=21/2" |
| 51%" A | B=2 ¹⁵ /16" | B=2 ¹⁵ /16" | B=3 ¹ /4" | B=3" |
| ⊥ ■ 37/16" ⊥ ⊢ В ⊣ | | | | |
| Sparta (SPA) | 03-030 SPA | 03-031 SPA | 03-032 SPA | 03-000 SPA |
| ⊤ , | A=3" | A=3" | A=3¼" | A=3" |
| | B=3½" | B=3½" | B=3 ³ /4" | B=3½" |
| Omega (OME) | 03-030 OME | 03-031 OME | 03-032 OME | 03-000 OME |
| | B=3 ⁵ ⁄16" | B=3 ⁵ ⁄16" | B=3 ¹ ⁄2" | B=3 ³ ⁄8" |
| 5%в° | | | | |
| Tubular (TLR) | 03-030 TLR | 03-031 TLR | 03-032 TLR | 03-000 TLR |
| T E t* | A=21/4" | A=21/4" | A=21/2" | A=2 ¹ /4" |
| | B=3" | B=3" | B=3 ³ /16" | B=3" |
| * Moote California I | Eiro Codo for ¹ /a" or loss raturn to | | | · |

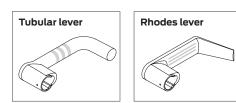
* Meets California Fire Code for $\frac{1}{2}$ " or less return to the door.

** Lever sizes available for Competitor Cylinder Options, see 94. Not available on Omega lever style.

Tactile warning

Not available on Omega levers

| Preface design code for tactile warning levers | | | | | |
|--|-----|-----|-----|--|--|
| Athens Rhodes Sparta Tubular | | | | | |
| 8AT | 8RH | 8SP | 8TR | | |



Competitor cylinder options

Competitor lever designs are available in finishes 613, 626 and 626AM.

Tactile warning is available. See **Tactile warning** on page **93** for details.

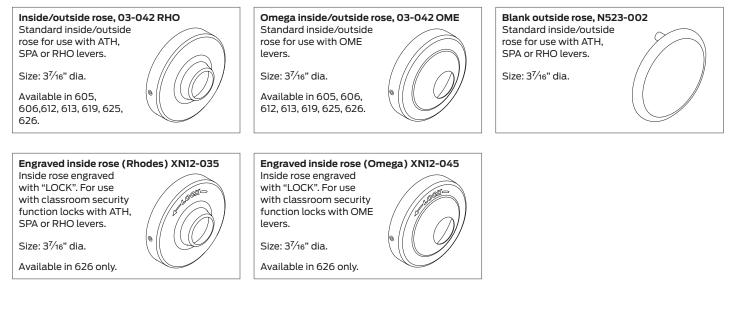
| Cylinder | Order suffix | Description | Lever design | | | |
|----------|--------------|---|--------------|------------|------------|------------|
| | | | Athens | Rhodes | Sparta | Tubular |
| | LD SAR | Sargent Key In Lever | 03-044-ATH | 03-044-RHO | 03-044-SPA | 03-044-TLR |
| | JD SAR | Sargent Full Size Interchangeable Core Cylinder | 03-077-ATH | 03-077-RHO | 03-077-SPA | 03-077-TLR |
| | JD CO6 | Corbin Russwin Full Size Interchangeable Core 6 Pin Cylinder | 03-066-ATH | 03-066-RHO | 03-066-SPA | 03-066-TLR |
| | JD YA6 | Yale Full Size Interchangeable Core 6 Pin Cylinder | 03-055-ATH | 03-055-RHO | 03-055-RHO | 03-055-TLR |
| | JD CO7 | Corbin Russwin Full Size Interchangeable Core 7 Pin Cylinder | UNDER DEVEL | OPMENT | | |
| | LD CO6 | Corbin Russwin Key in Lever 6 Pin Cylinder | | | | |
| | JD YA7 | Yale Full Size Interchangeable Core 7 Pin Cylinder | | | | |

Spring cage and tailpiece for competitor cylinder options

Available for the following functions: ND50D, ND53D, ND60D, ND66D, ND70D, ND73D, ND75D, ND80D, ND80EL/EU, ND80EL/EU-RX, ND82D, ND91D, ND92D, ND93D, ND94D, ND95D, ND96D, ND96DEL/EU, ND96DEL/EU-RX, and ND97D.

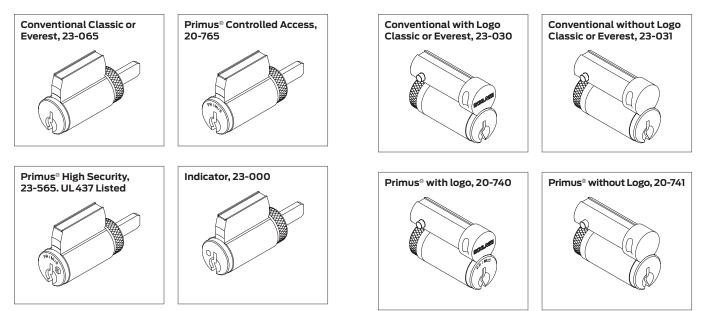
| Order suffix | Description | Spring cage | Spring cage | |
|--------------|--|--------------|-------------------------------|-----------|
| | | Outside | Inside(double cylinder locks) | tailpiece |
| LD SAR | Sargent Key In Lever | N123-064 | N123-067 | N523-146 |
| JD SAR | Sargent Full Size Interchangeable Core Cylinder | N123-066 | N123-069 | N523-148 |
| JD CO6 | Corbin Russwin Full Size Interchangeable Core 6 Pin Cylinder | | | |
| JD YA6 | Yale Full Size Interchangeable Core 6 Pin Cylinder | N123-065 | N123-068 | N523-147 |
| JD CO7 | Corbin Russwin Full Size Interchangeable Core 7 Pin Cylinder | UNDER DEVELO | UNDER DEVELOPMENT | |
| LD CO6 | Corbin Russwin Key in Lever 6 Pin Cylinder | | _ | |
| JD YA7 | Yale Full Size Interchangeable Core 7 Pin Cylinder | | | |

Roses



Cylinders

Standard



Small format interchangeable cores

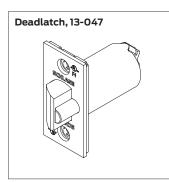




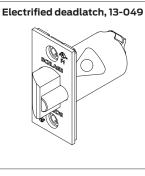
Full size interchangeable cores

Latches

All ND-Series latches have one-inch diameter housing and adjustable faceplates for flat or beveled doors.

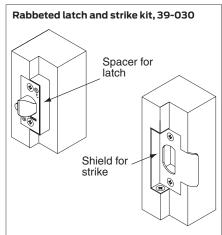








| Backset | Description | Springlatch | Deadlatch |
|---------|--|-------------|-----------|
| 23⁄8" | Square corner, 11/8" x 21/4" | _ | 14-047 |
| | Square corner, 1" x 2 ¹ ⁄4" | _ | 14-048 |
| 23⁄4" | Square corner, 11/8" x 21/4", standard | 13-048 | 13-047 |
| 23⁄4" | Square corner, electrified latch, 11/8" x 21/4" | _ | 13-049 |
| 23⁄4" | Anti-friction fire door latch, square corner, $1\frac{1}{8}$ " x $2\frac{1}{4}$ ", $\frac{3}{4}$ " throw | _ | 14-042 |
| 3¾" | Square corner, 11/8" x 21/4" | 14-010 | 14-028 |
| 5" | Backset extension link | _ | 43-005** |
| _ | Rabbeted latch and strike kit, 605, 626 only | 39-030* | |

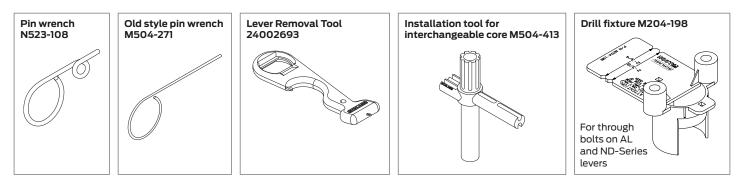


* Adapts square corner latch and 23/4" high square corner strike to 1/2" rabbeted door and frame preparations.

** Can only be used with 2 ³/₄" backset latch.

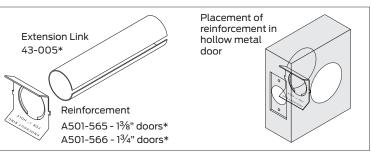
Installation tools and kits

Boring jigs and tools are designed to provide fast and accurate lock installation. Complete kits or individual tools can be ordered for preparing doors and jambs for Schlage products.



Reinforcement kit 37-001

Reinforcement kit 37-001 is used to reinforce and prevent the collapse of hollow metal doors when locksets are mounted. This kit should be used for installation in hollow metal doors to prevent lateral movement of the latch bolt. Extension link is included for long backset installations. Specify door thIckness 1%" or 1¾" when ordering.



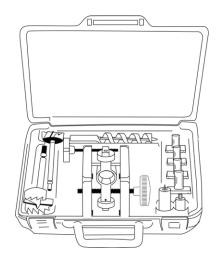
* Parts may be ordered separately.

Installation kit 40-147

Installation kit 40-147 for locksets and deadbolts is adjustable for 2%" and 2%" backsets. Includes a removable bushing adaptor for 7%" latch hole. For door thickness 1%" to 21%".

| Part no. | Description |
|----------|--|
| 40-015 | ⁷ ⁄8" Bit |
| 40-029 | Full Lip Strike Chisel |
| 40-030 | 1 ¹ /8" x 2 ³ /4" Latch Chisel |
| 40-031 | 1" x 2¼" Latch Chisel |
| 40-032 | 11⁄8" x 21⁄4" Latch Chisel |
| 40-035 | ⁷ ⁄/ ₈ " Strike Locator |

| Part no. | Description |
|----------|-----------------------------------|
| 40-148 | Installation Jig* |
| 40-175 | 1" Bit |
| 40-176 | 2 ¹ ⁄8" Multi Spur Bit |
| 40-177 | 1½" Multi Spur Bit |
| 40-178 | Qulck Change Bit Adapter |
| M504-497 | Case * |



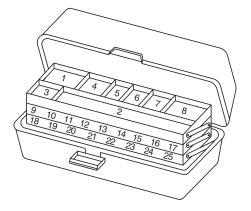
May be ordered separately.

Maintenance Kit 40-097

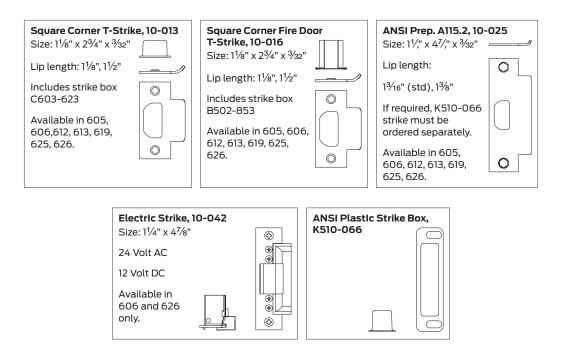
Maintenance kit for ND-Series lever locks contains: plunger sleeves, screw packs in various finishes, slide catches and service parts listed below.

| Part no. | Description | Qty | Slot no. |
|----------|-------------------------------|-----|----------|
| N523-055 | Plate, anti-rotation | 2 | 1 |
| N523-020 | Cylinder | 3 | 2 |
| N523-091 | Driver, SFIC | 5 | 2 |
| N523-127 | Driver, IC | 5 | 2 |
| 23988066 | Insert, gauge | 10 | 3 |
| N523-025 | Clip, slide | 2 | 4 |
| N523-149 | Slide | 2 | 4 |
| D500-000 | Spacer, SFIC | 5 | 5 |
| N523-021 | Screw, mounting | 4 | 5 |
| N523-092 | Screw, machine, oval head | 4 | 5 |
| C604-187 | Catch, slide | 2 | 6 |
| C604-188 | Catch, slide | 2 | 6 |
| C604-191 | Spring, catch, slide | 4 | 6 |
| C503-019 | Slide, spring | 8 | 7 |
| N523-054 | Plate, adjustment | 2 | 8 |
| N123-008 | Keycam assembly | 2 | 10 |
| N123-009 | Keycam assembly | 2 | 11 |
| N123-010 | Keycam assembly | 2 | 12 |
| N123-011 | Keycam assembly | 2 | 13 |
| N123-012 | Keycam assembly | 2 | 13 |
| N123-013 | Keycam assembly | 2 | 14 |
| 24002693 | Tool, trim removal | 2 | 15 |
| N123-028 | Plunger assembly | 5 | 16 |
| N123-017 | Plunger assembly | 3 | 17 |
| N523-056 | Spindle, inside | 2 | 18 |
| N523-013 | Spindle, outside | 2 | 19 |
| N523-019 | Spindle, outside, electrified | 2 | 20 |
| N123-020 | Package, screw | 2 | 21 |
| N123-040 | Package, screw | 2 | 22 |
| 24085037 | Hub, inside | 2 | 23 |
| 24085060 | Hub, inside | 2 | 24 |

| Part no. | Description | Qty | Slot no. |
|----------|-----------------------------|-----|----------|
| 24088544 | Housing, outside | 2 | Bottom |
| 63-104 | Spring cage assembly, dummy | 1 | Bottom |
| M504-413 | Installation tool, IC | 1 | Bottom |
| N123-021 | Spring cage assy, inside | 1 | Bottom |
| N123-022 | Spring cage assy, outside | 1 | Bottom |
| N123-032 | Spring cage assy, inside | 1 | Bottom |
| N123-043 | Spring cage assy, outside | 1 | Bottom |
| N123-056 | Spring cage assy, SFIC, O/S | 1 | Bottom |
| N123-057 | Spring cage assy, SFIC, I/S | 1 | Bottom |
| P515-181 | Component sheet | 1 | Bottom |



Strikes



Screws, screw packs and special parts

| Screws | Screws | | | | | |
|----------|---------------------------|----------------|-------------|--|--|--|
| Part no. | Description | Door thickness | Туре | Size | | |
| A501-171 | ND170, washer | - | Washer | - | | |
| N523-092 | ND170, mounting screw | 11⁄2" - 2" | POH Machine | ¹ ⁄4"-20 x 2 ¹ ⁄2" | | |
| C603-256 | ANSI strike screw | - | PFH Combo | 12-24 X 1" | | |
| C603-897 | Latch and strike screw | - | PFH Combo | #8 X ¾" | | |
| N523-021 | Spring cage screws | 13⁄8" - 2" | POH Machine | #8 X 32 x 21⁄8" | | |
| N583-133 | ND170, Spring cage screws | - | PFH Combo | #8 X 1" | | |





| Screw packs, standard | | | Special pa | arts | 1 ³ ⁄ ₈ " Chassis spacer, XN12-012** | |
|-----------------------|-------------------------|--------------|------------|--|---|--|
| Part no. | Description | Contents | Part no. | Description | | |
| B502-517 | Latch and strike screws | (4) C603-897 | XQ02-309* | 10-013 Strike, 7⁄8" flat lip |] [///))) | |
| N123-020 | Mounting, all except | (4) C603-897 | XQ03-494* | 10-013 Strike, 15⁄8" - 6" lip | | |
| | ND170 | (2) C603-256 | | 10-013 Strike, 61⁄8" - 12" lip | | |
| | | (2) N523-021 | XQ07-351* | 10-025 Strike, 7⁄8" flat lip | ND40 Emergency | |
| | | (1) M504-271 | | 10-025 Strike, lips through 6" (except ⁷ ⁄8", 1¾16" and 1⅔") | key, 35-250 | |
| N123-040 | Mounting, ND170 | (2) L583-133 | XC03-069 | Extension links, backsets over 5" - 42" | | |
| | | (1) N523-092 | XN12-012** | Chassis spacer for 13/8" door (2 required) | 1 4 | |
| | | (1) A501-171 | | | | |
| | | (1) M504-271 | 35-250 | Emergency Key, ND40 |] | |
| C203-736 | ANSI Strike | (2) C603-256 | 35-251 | Spanner Key, ND85 | | |

* Specify lip length

** Specify finish.

| Screw packs, Torx® | | | | | | |
|--------------------|---------------------------------------|---------------------|--|--|--|--|
| Part no. | Description | Contents | | | | |
| C203-311 | Latch and strike (includes tool) | (4) C503-766 (T-15) | | | | |
| C203-312 | Latch and ANSI strike (includes tool) | (2) C503-766 (T-15) | | | | |
| | | (2) L583-371 (T-20) | | | | |

Finishes

Schlage Lock finishes are durable, top quality finishes obtained by the careful processing of solid brass, bronze, stainless steel, or other materials.

Where required, a protective clear coating is applied and cured under high temperature. It is important that the climatic conditions and usage be taken into consideration when selecting finishes. This is especially true in areas subjected to strong corrosive vapors, humid climate, or sea air which, in short time, may have a damaging effect on metal finishes.

The longevity and preservation of the finish appearance is determined by base metal and finishing process. Clear protective coating or other organic finishing applications may

require different methods of cleaning and care. For example, non-clear coated finishes should not be cleaned with any soaps or solvents. Organically coated surfaces should periodically be cleaned with a mild non-abrasive soap and be buffed lightly with a clean cloth. The type of base metal and finished techniques must be considered when applying any cleaning or preservative method.

In some instances for customer convenience, the most appropriate BHMA (Builders Hardware Manufacturers Association) finish symbols are used to indicate similarity of appearance regardless of base metal or finishing process. Finish numbers in the 600-Series are the BHMA industry standard. The nearest former U.S. equivalent code designations are shown in parenthesis.

Finish codes and descriptions

| Schlage code | BHMA | Description |
|--------------|----------|---|
| 605 | (US 3) | Bright brass, clear coated |
| 606 | (US 4) | Satin brass, clear coated |
| 612 | (US 10) | Satin bronze, clear coated |
| 613 | (US 10B) | Oil rubbed bronze, oxidized satin bronze, oil rubbed, no coating |

| Schlage code | BHMA | Description |
|--------------|----------|------------------------------------|
| 619 | (US 15) | Satin nickel, clear coated |
| 625 | (US 26) | Bright chromium plated, no coating |
| 626 | (US 26D) | Satin chromium plated, no coating |

Ordering procedures

To order Schlage products, descriptive data should be in the same sequence as shown below.

| Line Item | Qty | Product | Outside | | Inside | | Hand | Latch | Strike | Dr Thk | Ext | Dim | Additional Details |
|-----------|-----|---------|---------|-----|--------|-----|------|-------|--------|--------|-----|-----|--------------------|
| | | | DES | FIN | DES | FIN | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

| Line Item: | Line item number |
|---------------------|--|
| Qty: | Quantity |
| Product: | Complete lock product or part number |
| Outside DES: | Outside design code |
| Outside FIN: | Outside finish code |
| Inside DES: | Inside design code |
| Inside FIN: | Inside finish code |
| Hand: | Hand of door: Only one hand allowed per line item. Example: RH=right hand, LH=left hand, RR=right reverse, LH=left reverse |
| Latch: | Leave blank for standard latch or specify part number if non-standard latch is required |
| Strike: | Leave blank for standard strike or specify part number if non-standard latch is required. LLL=less strike |
| Dr Thk: | Door thickness: Enter door thickness if non-standard, example $138=1\%$ ", $214=21/4$ ", $212=21/2$ " (EI or EO assumes the latch will be centered on 1" door, to which material has been added) |
| Ext: | Extension: Enter one of the following when door 2" thick or greater are specified: EE=extended equally, EI=extended inside, EO=extended outside, ED=extended differently |
| Dim: | Dimension: Enter dimension for non-standard strike lip length and mortise cylinder or blocking ring length |
| Additional Details: | Enter detail for keying information and for special requirements |

Limited warranty

Product warranty: commercial applications

Limited warranty

Schlage Lock Company, LLC (the "Company") extends a threeyear limited warranty to the original user of the products manufactured by the Company (the "Products") against defects in material and workmanship from the date of purchase. Certain Products contain restrictions to this limited warranty, additional warranties or different warranty periods. Please see below for specific Product warranty information.

What The Company Will Do: Upon return of the defective Product to the Company or its authorized distributor for inspections, free and clear of all liens and encumbrances and accompanied by the statement of defects of proof of purchase, the Company will replace the Product.

Original User: These warranties only apply to the Original User of Products. These warranties are not transferable.

What Is Not Covered: The following costs, expenses and damages are not covered by the provisions of these limited warranties: (i) labor costs including, but not limited to, such costs for the removal and reinstallation of Products; (ii) shipping and freight expenses required to return the Products to the Company; or (iii) any other incidental, consequential, indirect, special and/or punitive damages, whether based on contract, warranty, tort (including, but not limited to strict liability or negligence), patent infringement, or otherwise, even if advised of the possibility of such damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

The provisions of this warranty do not apply to Products: (i) used for purposes for which they are not designed or intended; (ii) which have been subjected to alteration, abuse, misuse, negligence or accident; (iii) which have been improperly stored, installed, maintained or operated; (iv) which have been used in violation of written instructions provided by Schlage; (v) which have been subjected to improper temperature, humidity or other environmental conditions (i.e., corrosion); or (vi) which, based on the Company's examination, do not disclose to the Company's satisfaction non-conformance to the warranty. Additionally, the Company will not warrant ANSI A156.2 Grade 2 lever Product installed in educational facilities and student housing.

Specific product warranty restrictions/additional warranties ND-Series Levers 10-Year Mechanical Warranty: The limited warranty is provided for a period of ten (10) years from the date of purchase and is subject to the restrictions of these limited warranties.

Small Format Interchangeable Core (SFIC) Warranty: The limited warranty also applies to Schlage locks and housings when used with another manufacturer's cores, or to Schlage cores (i.e. SFIC) when used in another manufacturer's locks and housings. The use of unauthorized cylinder cams or other components with the Products shall void these warranties.

Everest® Primus® Limited Lifetime Key Breakage Warranty: A limited lifetime warranty is provided to the original user against breakage and is subject to the restrictions of these limited warranties.

Product warranties, additional terms & conditions: commercial and residential applications

Additional Terms: The Company does not authorize any person to create for it any obligation or liability in connection with the Products. The Company's maximum liability under these warranties is limited to the purchase price of the Product. No action arising out of any claimed breach of these warranties by the Company may be brought by the original user more than one (1) year after the cause of action has arisen.

How State Law Applies: These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

Note: Should the Product be considered a consumer product as may be covered by the Magnusson Moss Federal Warranty Act, please be advised that: (1) Some states do not allow limitations or incidental consequential damages or how long an implied warranty lasts so that the above limitations may not fully apply; and (2) This warranty gives specific legal rights and a user may have other rights which may vary from state to state.

For warranty service and shipping instructions, Schlage and Portable Security Commercial customers contact:

Schlage, Customer Care 3899 Hancock Expressway Colorado Springs, CO 80911 (877) 671-7011 Fax (800) 452-0665

The Schlage Lock Company reserves the right to make changes in designs and specifications or to make additions or improvements on its products without notice and without incurring any obligation to incorporate them on products previously manufactured.

The Schlage Lock Company is not responsible for any modification, addition or alteration to our products by others.

About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 7,800 people and sells products in more than 120 countries across the world. Allegion comprises 23 global brands, including strategic brands CISA® Interflex® LCN® Schlage® and Von Duprin®

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