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Commercial Doors and Hardware



ALLEGION™

SCHLAGE

ND-Series

Service manual



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| 49 | Corridor lock with Vandlgard® | 91 | Storeroom lock with Vandlgard®—electrically locked (fail secure) or electrically unlocked (fail secure) with request-to-exit |
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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 February, 2017.

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.

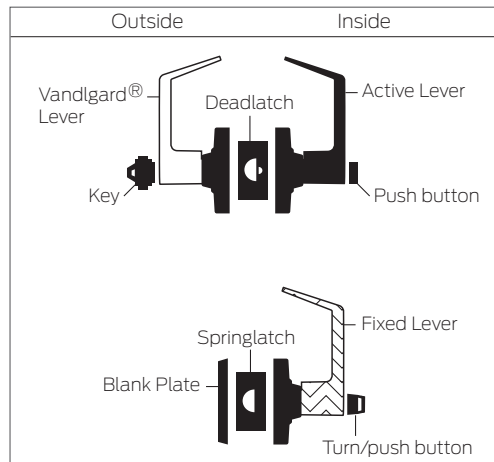
| Standard Features* | |
|-----------------------|--|
| Certifications | Exceeds BHMA A156.2 requirements for Grade 1 cylindrical locks. Exceeds BHMA A156.25 requirements for indoor electrified locks. UL10C listed for 3-hour fire doors up to 4'0" x 10'0" Meets Florida Building Code (ASTM E330, E1886, E1996) and Miami-Dade (TAS 201, 202, 203) requirements for hurricanes. |
| Latch | 1 $\frac{1}{8}$ " x 2 $\frac{1}{4}$ ", Square corner faceplate, 1" housing diameter, $\frac{1}{2}$ " throw |
| Strike | 1 $\frac{1}{4}$ " x 4 $\frac{7}{8}$ ", ANSI, Square corner, no box |
| Backset | 2 $\frac{3}{4}$ " |
| Cylinder | 6-Pin solid brass, keyed 6-pin, S123 keyway, keyed different (KD)** |
| Door Range | Standard Lock Functions: 1 $\frac{5}{8}$ " – 2 $\frac{1}{8}$ "; Vandlgard® Lock Functions: 1 $\frac{5}{8}$ " – 2 $\frac{1}{8}$ "; ND85 Function: 1 $\frac{3}{4}$ " – 2" |
| Keys | Two nickel silver cut keys per lock, 6-pin, S123 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


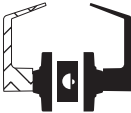






The lock assembly drawing index provides illustrations and textual descriptions of available functions. Page numbers for full trim and chassis drawings are referenced.



Changes and additions

- Deadlatch 13-047 (2¾" backset, square corner) and 13-049 (electrified deadlatch) are replaced by 13-247. Springlatch 13-048 (2¾" backset, square corner) is replaced by 13-248.
- Electrified functions ND12EL/EU, ND80EL/EU and ND96EL/EU are upgraded with an electric motor assembly replacing the solenoid and clip. Keycams N123-024 and N123-025 are replaced by keycam N223-066.
- Spring cage assembly and lever upgrades affect all spring cages, all levers, the chassis adjustment plate, interior buttons and plunger assemblies.
- New component and assembly part numbers are indicated with a "◆" symbol and highlighted in gray throughout this manual.
- For detailed lists of original and new parts and assemblies, and kits for lock conversion, refer to **Conversion** on page **93** and **Parts and kits** on page **95**.









Lock assembly drawing index

| Function | | ANSI/BHMA A156.2, 2011, Series 4000, Grade 1 | | | | Trim | Chassis |
|-----------|------|---|--|---|---|----------|----------|
| Schlage | ANSI | Description | Outside function | | Inside function | Page | Page |
| ND10 | F75 | Passage latch | Lever is always unlocked. |  | Lever is always unlocked and is always free for immediate egress. With available request-to-exit (RX) feature. | 52 | 14 |
| ND12 | F89 | Exit lock | Lever is always fixed. |  | Lever is always unlocked and is always free for immediate egress. With available request-to-exit (RX) feature. | 54 55 | 16 17 |
| ND12EL | | Exit lock—electrically locked (fail safe) | Lever is continuously locked electrically until unlocked by switch or power failure. Auxiliary latch deadlocks latchbolt when door is closed. |  | Lever is always unlocked and is always free for immediate egress. With available request-to-exit (RX) feature. | 56 57 | 18 19 |
| ND12EU | | Exit lock—electrically unlocked (fail secure) | Lever is continuously locked mechanically until unlocked by electric current. Auxiliary latch deadlocks latchbolt when door is closed. |  | Lever is always unlocked and is always free for immediate egress. With available request-to-exit (RX) feature. | 56 57 | 18 19 |
| ND170 | | Single dummy trim | Inactive trim for one side of door. Use for door pull or as matching inactive trim. |  | | 58 | 20 |
| ND25 | F89 | Exit lock with blank plate | Blank plate. |  | Inside lever is always unlocked and is always free for immediate egress. | 59 | 21 |
| ND25 x 70 | | Classroom exit lock ♦ Specify per XN12-004 | Blank plate. |  | Key locks or unlocks lever. | 60 | 22 |
| ND25 x 80 | | Storeroom exit lock ♦ Specify per XN12-005 | Blank plate. |  | Key in fixed inside lever retracts latch. | 61 | 23 |

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

♦ 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.



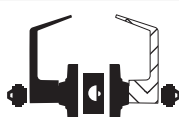


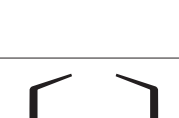

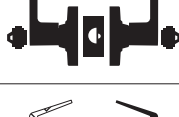
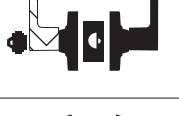
Lock assembly drawing index

| Function | | ANSI/BHMA A156.2, 2011, Series 4000, Grade 1 | | | | Trim | Chassis |
|----------|------|--|---|---|---|------|---------|
| Schlage | ANSI | Description | Outside function | | Inside function | Page | Page |
| ND30 | F77 | Patio lock Specify per XN12-007 | |  | Push-button locks outside lever. Turning inside lever or closing door releases push-button preventing lock-out. Lever is always unlocked and is always free for immediate egress. | 62 | 24 |
| ND40 | F76 | Bath/bedroom privacy lock | May be opened from outside with small screwdriver or emergency release tool. |  | Push-button locks outside lever. Turning inside lever or closing door releases push-button. Inside lever is always free for immediate egress. | 63 | 24 |
| ND44 | | Hospital privacy lock | Unlocked from outside by turning emergency turn-button. |  | Push-button locks outside lever. Turning inside lever or closing door releases push-button. Inside lever is always free for immediate egress. | 64 | 24 |
| ND45 | | Time out lock | Caretaker side: Inside lever (detention side) is locked by pushing and holding button. Inside lever is locked until button is released. Lever always retracts latch. |  | Detention side: Lever retracts latch unless outside (caretaker side) button is depressed. Vandlgard allows inside spindle to disengage from latch when locked. | 65 | 25 |
| ND50 | F82 | Entrance/office lock | Lever is unlocked with key or by turning inside lever, when push-button is pushed and locked on inside. |  | Push-button locks outside lever. Turning inside lever releases push-button. Inside lever is always free for immediate egress. | 66 | 26 |
| ND53 | F109 | Entrance lock | Push/turn button: Key retracts latch when button pushed and turned until button is manually unlocked. Push-button: Lever is unlocked with key when push-button is pushed. |  | Push/turn-button: Pushing and turning button locks outside lever until manually unlocked. Push-button: Pushing button locks outside lever until unlocked by key outside or by turning inside lever. Inside always free for immediate egress. | 67 | 26 |
| ND60 | F88 | Vestibule lock | Latch retracted by key when locked by key in inside lever. |  | Inside lever is always unlocked and is always free for immediate egress. Inside key locks and unlocks outside lever. | 68 | 27 |
| ND60 | | Vestibule lock with closed outside lever Specify per XN12-001 | Same as ND60 except outside lever is closed. |  | Same as ND60. Inside lever is always free for immediate egress. | 69 | 27 |

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

◆ 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.


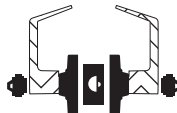
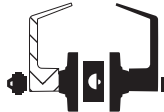
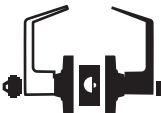
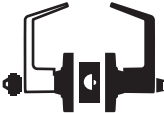

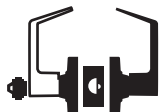
Lock assembly drawing index

| Function | | ANSI/BHMA A156.2, 2011, Series 4000, Grade 1 | | | | Trim | 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. | 70 | 28 |
| ND70 | F84 | Classroom lock | Outside lever locked or unlocked by key. |  | Inside lever is always unlocked and always free for immediate egress. | 71 | 29 |
| ND70 x 80 | | Classroom by Storeroom lock ◆ Specify per XN12-006 | Outside lever locked or unlocked by key. |  | Key in fixed inside lever retracts latch. | 72 | 30 |
| ND72 | | Communicating lock ◆ Specify per XN12-002 | Outside lever only locked or unlocked by key. |  | Inside lever only locked or unlocked by key. | 73 | 31 |
| ND72 Vandlgard® | | Communicating lock with Vandlgard ◆ Specify per XN12-003 | Same as ND72. Vandlgard allows outside spindle to disengage from latch when locked. Both levers are clutching. |  | Same as ND72. Vandlgard allows inside spindle to disengage from latch when locked. Inside lever is always free for immediate egress. | 74 | 32 |
| ND73 | F90 | Corridor lock | Locked or unlocked by outside key. When locked by key it can only be unlocked by key. Push-button locks from inside. |  | Push-button locks outside lever. Turning lever or closing door releases button. Inside lever is always unlocked and is always free for immediate egress. | 75 | 33 |
| ND75 | F110 | 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. | 76 | 34 |
| ND80 | F86 | Storeroom lock | Lever is fixed. Entrance by key only. |  | Inside lever is always unlocked and is always free for immediate egress. With available request-to-exit (RX) feature. | 77 78 | 35 36 |
| ND80EL | | Storeroom lock—electrically locked (fail safe) | Lever is continuously locked electrically. Unlocked by key outside or by switch or power failure. When locked, key retracts latch. Auxiliary latch deadlocks latchbolt when door is closed. |  | Inside lever is always unlocked and is always free for immediate egress. With available request-to-exit (RX) feature. | 79 80 | 37 38 |

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

◆ 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.


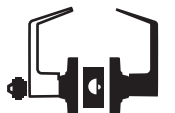



Lock assembly drawing index

| Function | | ANSI/BHMA A156.2, 2011, Series 4000, Grade 1 | | | | Trim | Chassis |
|----------|------|--|---|---|---|------|---------|
| Schlage | ANSI | Description | Outside function | | Inside function | Page | Page |
| ND80EU | | Storeroom lock—electrically unlocked (Fail secure) | Lever is continuously locked until unlocked by key outside or by electric current. When locked, key retracts latch. Auxiliary latch deadlocks latchbolt when door is closed. |  | Inside lever is always unlocked and is always free for immediate egress. | 79 | 37 |
| | | | | | With available request-to-exit (RX) feature. | 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 occupancy indicator. Rotation of spanner-button by spanner key provides lock-out feature by keeping indicator thrown. 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 disengages outside lever. Turning inside lever or outside key releases push-button. Inside lever is always free for immediate egress. | 83 | 41 |
| ND92 | F109 | Entrance lock with Vandlgard | When turn/push-button is pushed and turned, key retracts latch. When push-button is pushed, lever is unlocked with key. Vandlgard allows outside spindle to disengage from latch when locked. |  | Turn/push-button: Pushing and turning button disengages outside lever until manually unlocked. Push-button: Pushing button disengages outside lever until unlocked by turning inside lever or by key outside. 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. |  | Outside lever is disengaged by key inside. Inside lever is always unlocked and is always free for immediate egress. | 85 | 42 |
| ND94 | F84 | Classroom lock with Vandlgard | Outside lever disengaged 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 |

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

♦ 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.

Lock assembly drawing index

| Function | | ANSI/BHMA A156.2, 2011, Series 4000, Grade 1 | | | | Trim | Chassis |
|----------|------|---|--|--|--|------|---------|
| Schlage | ANSI | Description | Outside function | | Inside function | Page | Page |
| 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 disengaged 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 |
| | | | | | With available request-to-exit (RX) feature. | 89 | 46 |
| ND96EL | | Storeroom lock with Vandlgard — electrically locked (Fail safe) | Lever is continuously disengaged electrically. Unlocked by key or by 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 free for immediate egress. | 90 | 47 |
| | | | | | With available request-to-exit (RX) feature. | 91 | 48 |
| ND96EU | | Storeroom lock with Vandlgard — electrically unlocked (Fail secure) | Lever is continuously disengaged 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 free for immediate egress. | 90 | 47 |
| | | | | | With available request-to-exit (RX) feature. | 91 | 48 |
| 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. | 92 | 49 |

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

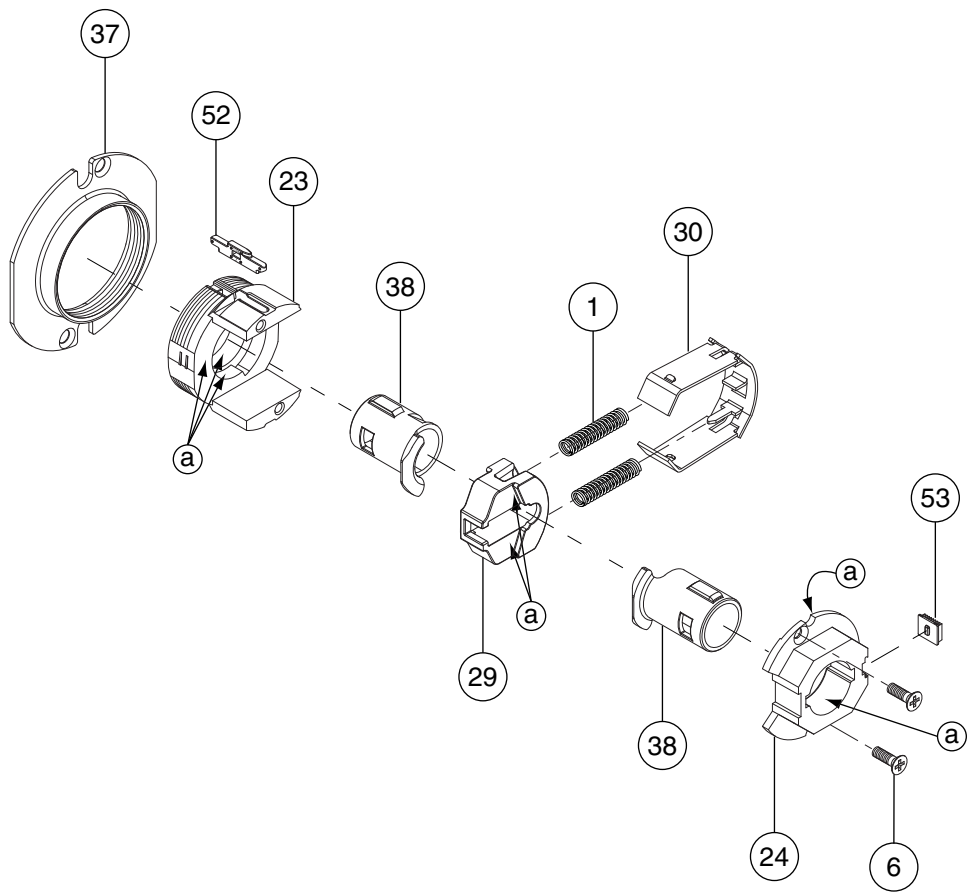
◆ Caution: These locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Chassis

- 14 Passage latch
- 15 Passage latch with request-to-exit
- 16 Exit lock
- 17 Exit lock with request-to-exit
- 18 Exit lock— Electrically locked (fail safe) or electrically unlocked (fail secure)
- 19 Exit lock— Electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit
- 20 Single dummy trim
- 21 Exit lock with blank plate
- 22 Special— classroom exit lock
- 23 Special— storeroom exit lock
- 24 Patio, bath/bedroom privacy and hospital privacy lock
- 25 Time out lock with Vandlgard®
- 26 Entrance/office and entrance lock
- 27 Vestibule lock
- 28 Store lock
- 29 Classroom lock
- 30 Special— classroom by storeroom lock
- 31 Special— communicating lock
- 32 Special— communicating lock with Vandlgard®
- 33 Corridor lock
- 34 Classroom security lock
- 35 Storeroom lock
- 36 Storeroom lock with request-to-exit
- 37 Storeroom lock— Electrically locked (fail safe) or electrically locked (fail safe)
- 38 Storeroom lock— Electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit
- 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® with request to exit
- 47 Storeroom lock with Vandlgard®— Electrically locked (fail safe) or electrically unlocked (fail secure)
- 48 Storeroom lock with Vandlgard®— Electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit
- 49 Corridor lock with Vandlgard®

Passage latch

ND10



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

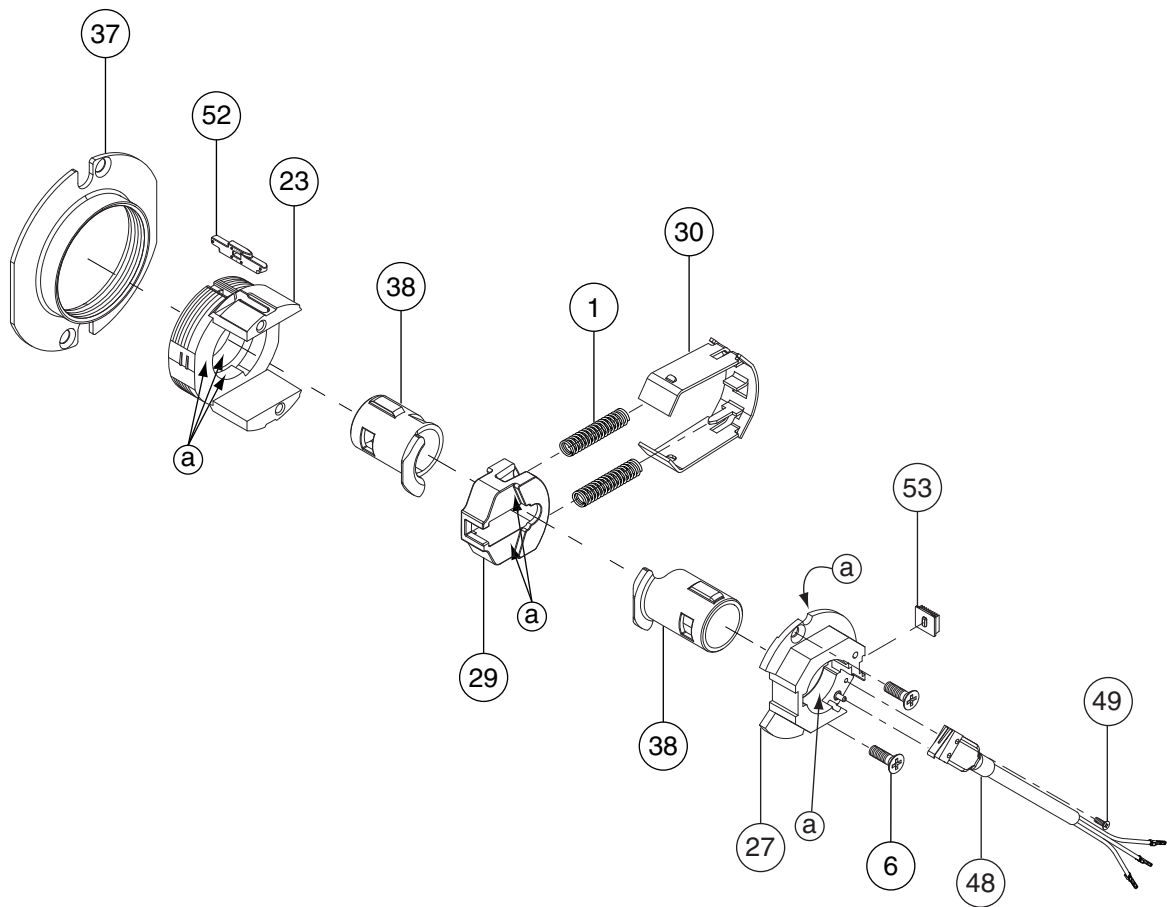
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ⚡ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

* Not sold separately as a part.
⚡ Designates new parts or assemblies.

Passage latch with request-to-exit

ND10 RX



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

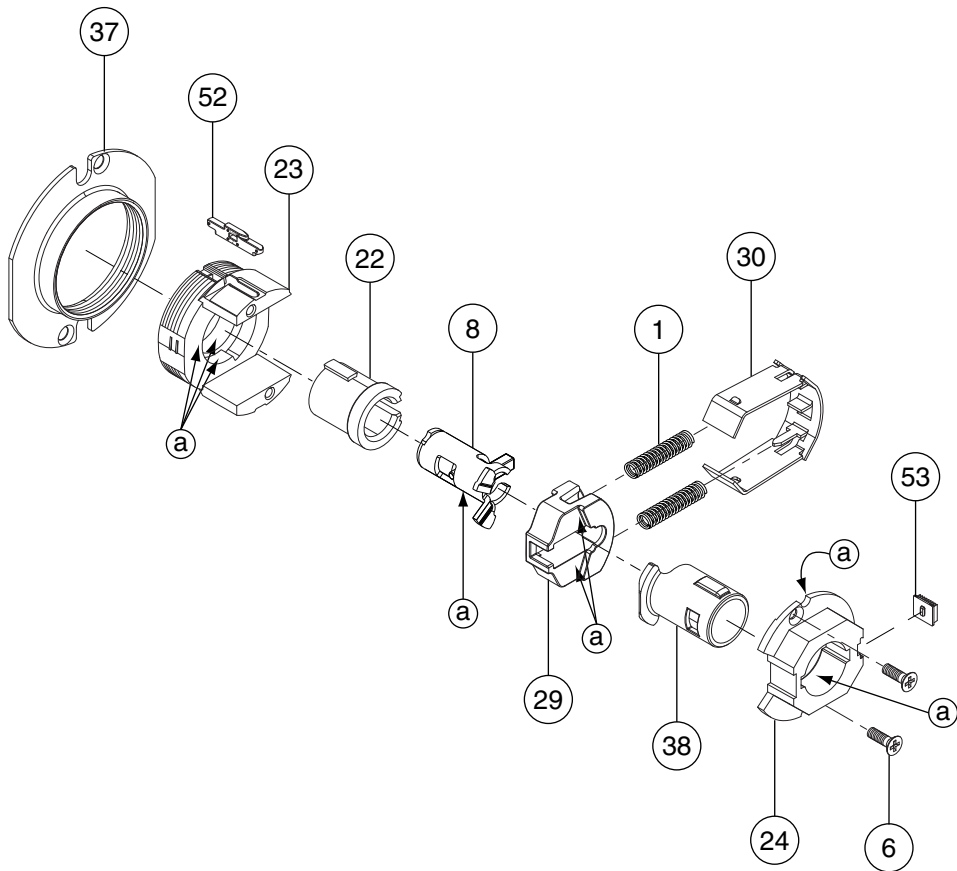
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 23 | Outside housing | 24088544 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

* Not sold separately as a part.
* For RX details, see **Request-to-exit feature** on page 106.
✧ Designates new parts or assemblies.

Exit lock

ND12



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

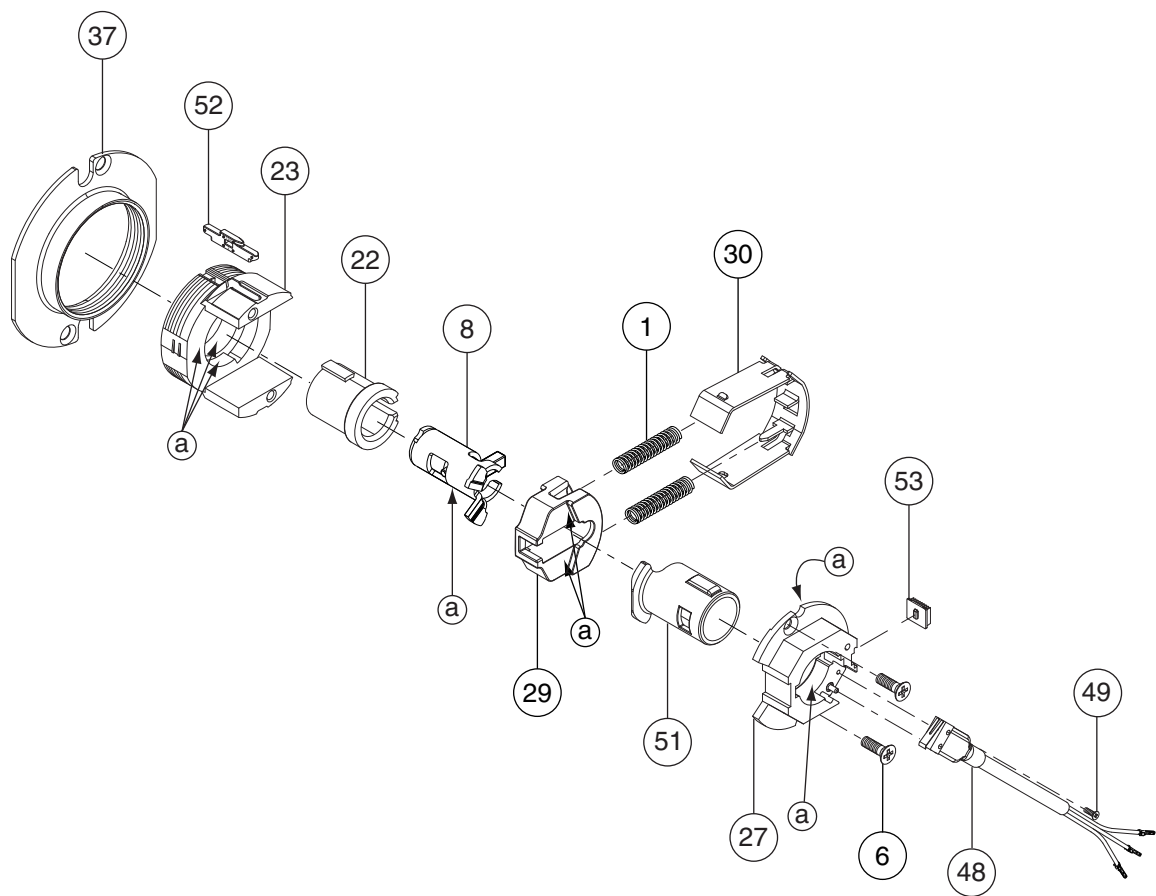
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Exit lock with request-to-exit

ND12 RX



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

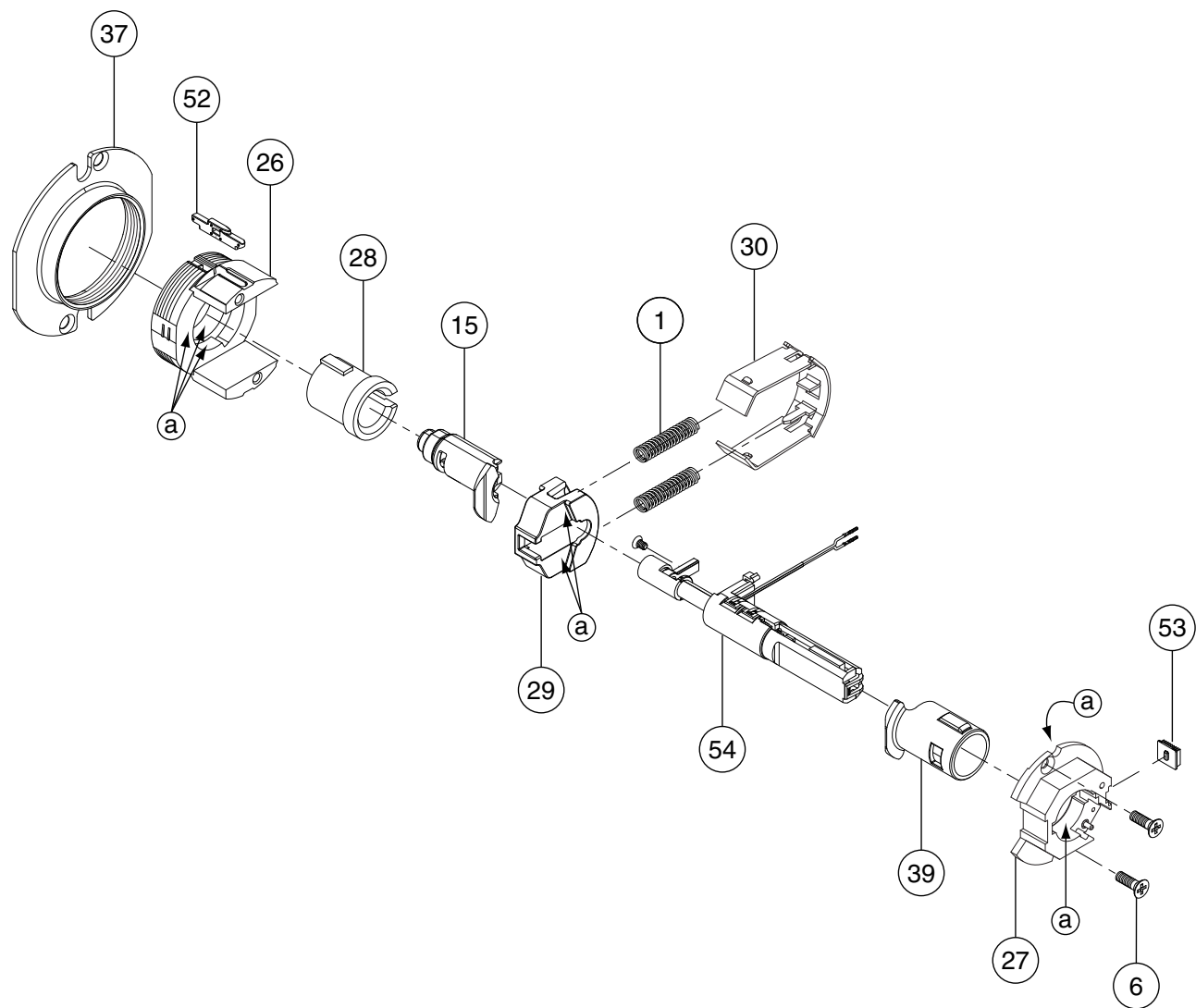
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 27 | Inside hub, electrified and RX | 24085078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

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 51 | RX inside spindle | N523-177 ◇ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
** For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Exit lock— Electrically locked (fail safe) or electrically unlocked (fail secure)

ND12EL or ND12EU



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

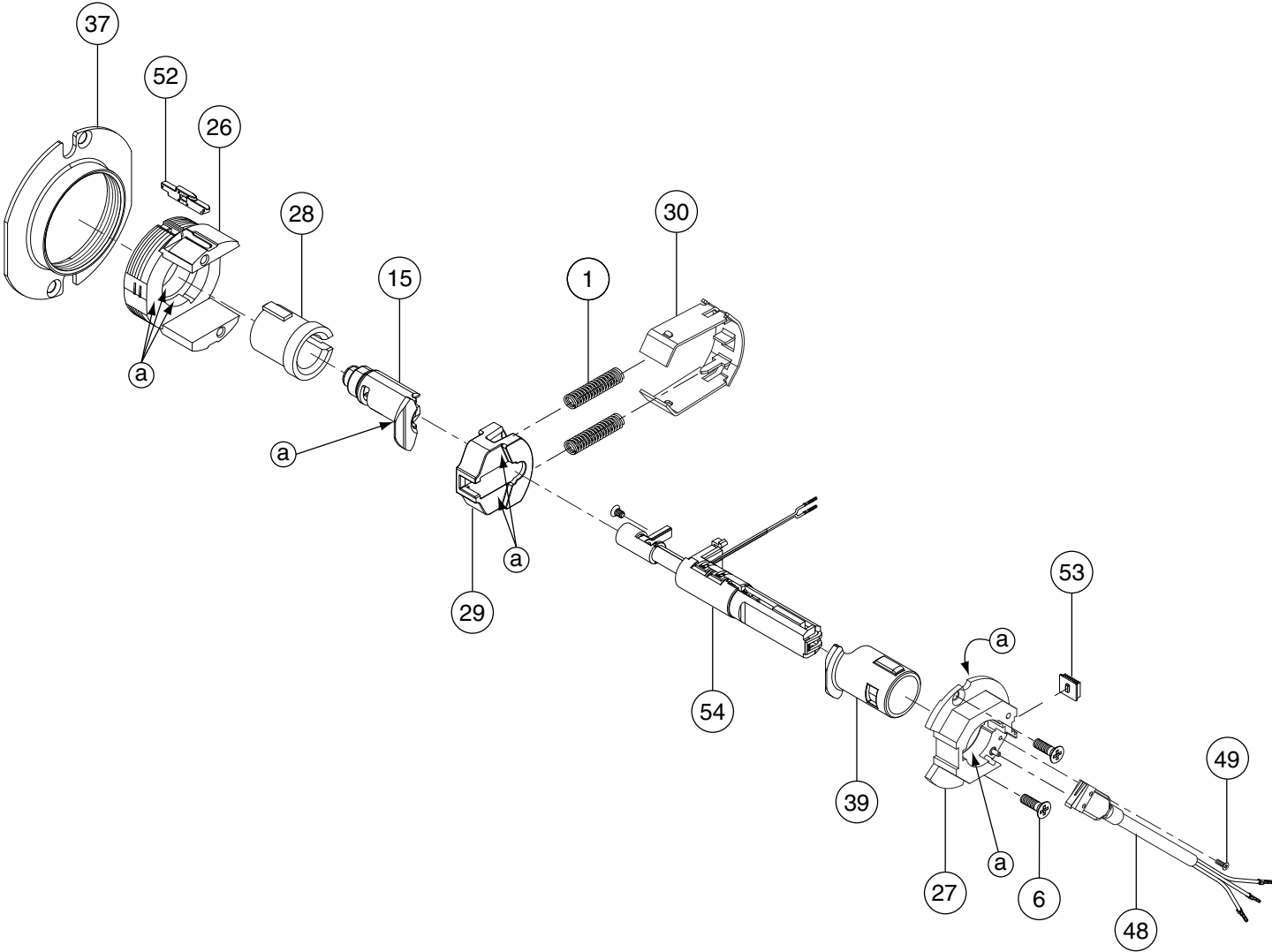
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N223-066 ◇ |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|----------------------------|---------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside spindle electrified | N523-177 ◇ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |
| 54 | Electrified motor assembly | N223-062 ** ◇ |

* Not sold separately as a part.
** For electrified lock details, see **Electrified locks** on page 105.
◇ Designates new parts or assemblies.

Exit lock— Electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit

ND12EL RX or ND12EU RX



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

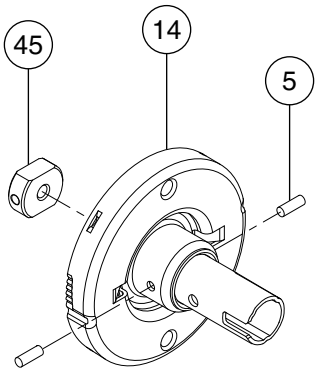
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N223-066 ◇ |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |

| No. | Description | Part number |
|-----|----------------------------|--------------|
| 37 | Adjustment plate | N523-054 |
| 39 | Inside spindle electrified | N523-177 ◇ |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |
| 54 | Electrified motor assembly | N223-062** ◇ |

* Not sold separately as a part.
** For RX details, see **Request-to-exit feature** on page 106. For electrified lock details, see **Electrified locks** on page 105.
◇ Designates new parts or assemblies.

Single dummy trim

ND170



| No. | Description | Part number |
|-----|----------------------|-------------|
| 5 | Spindle pin | C604-340* |
| 14 | Spring cage assembly | N123-019* |

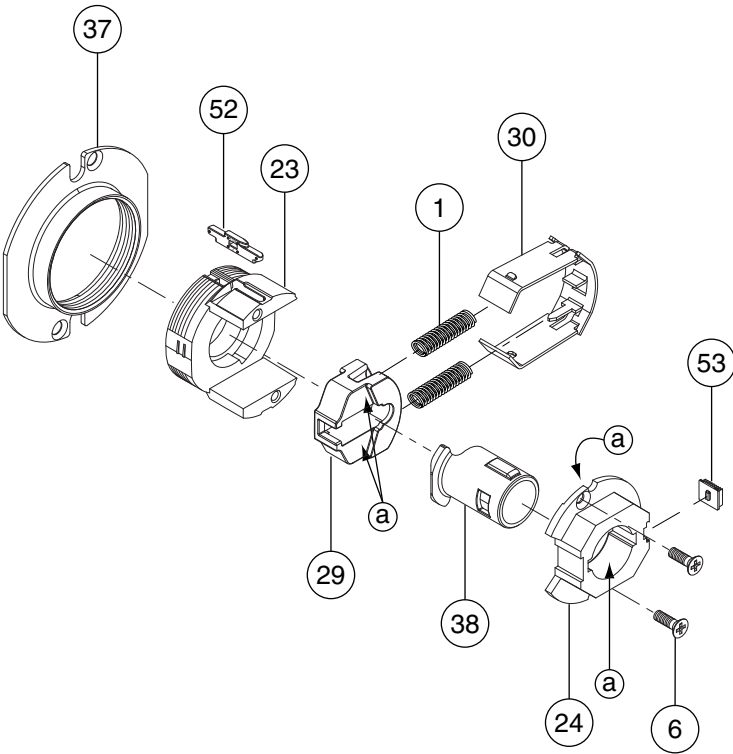
| No. | Description | Part number |
|-----|--------------|-------------|
| 45 | Dummy insert | N523-069 |

* Not sold separately as a part.

For mounting two ND170 as double trim, see page 58.

Exit lock with blank plate

ND25



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

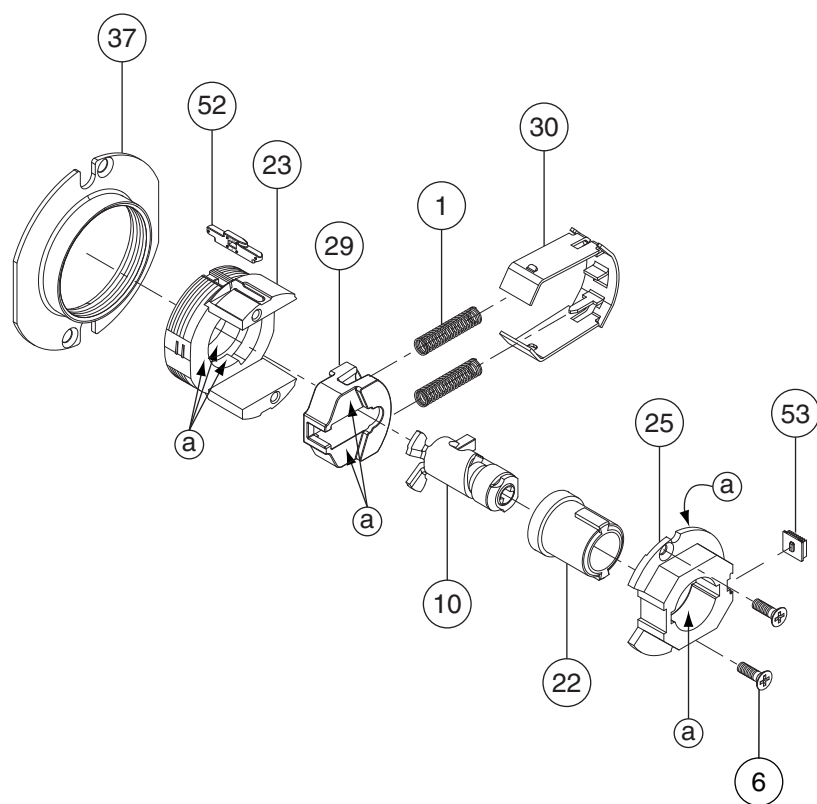
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✦ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.

Special— classroom exit lock

ND25X70



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

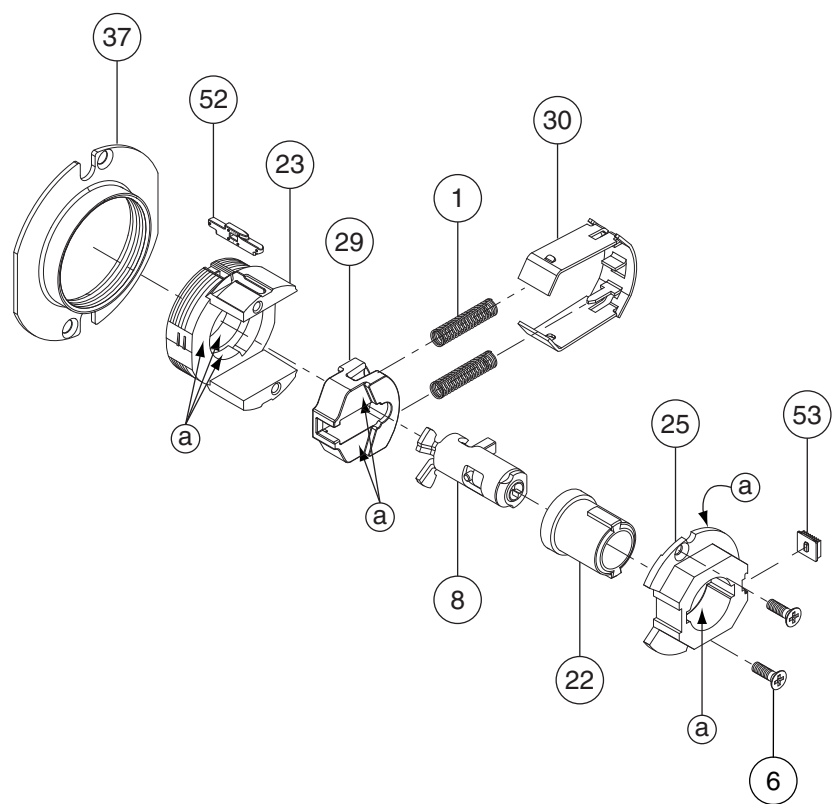
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| 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* |

* Not sold separately as a part.

Special— storeroom exit lock

ND25X80



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

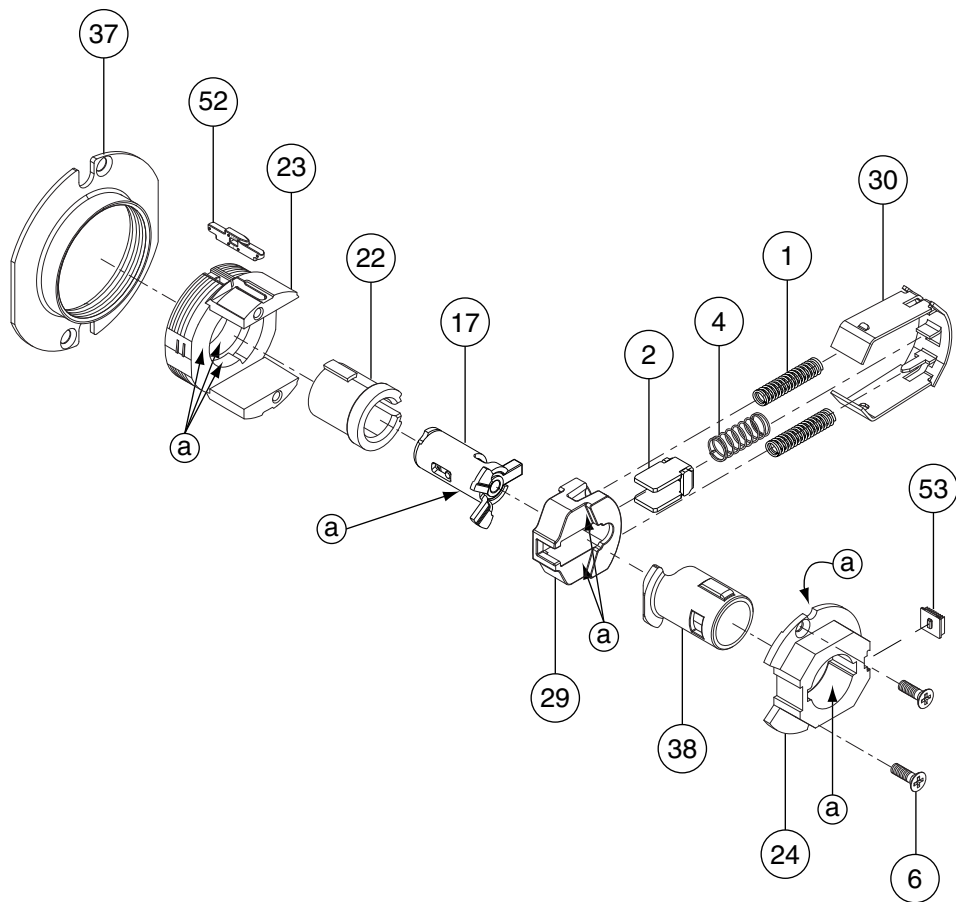
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| 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* |

* Not sold separately as a part.

Patio, bath/bedroom privacy and hospital privacy lock

ND30, ND40 and ND44



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

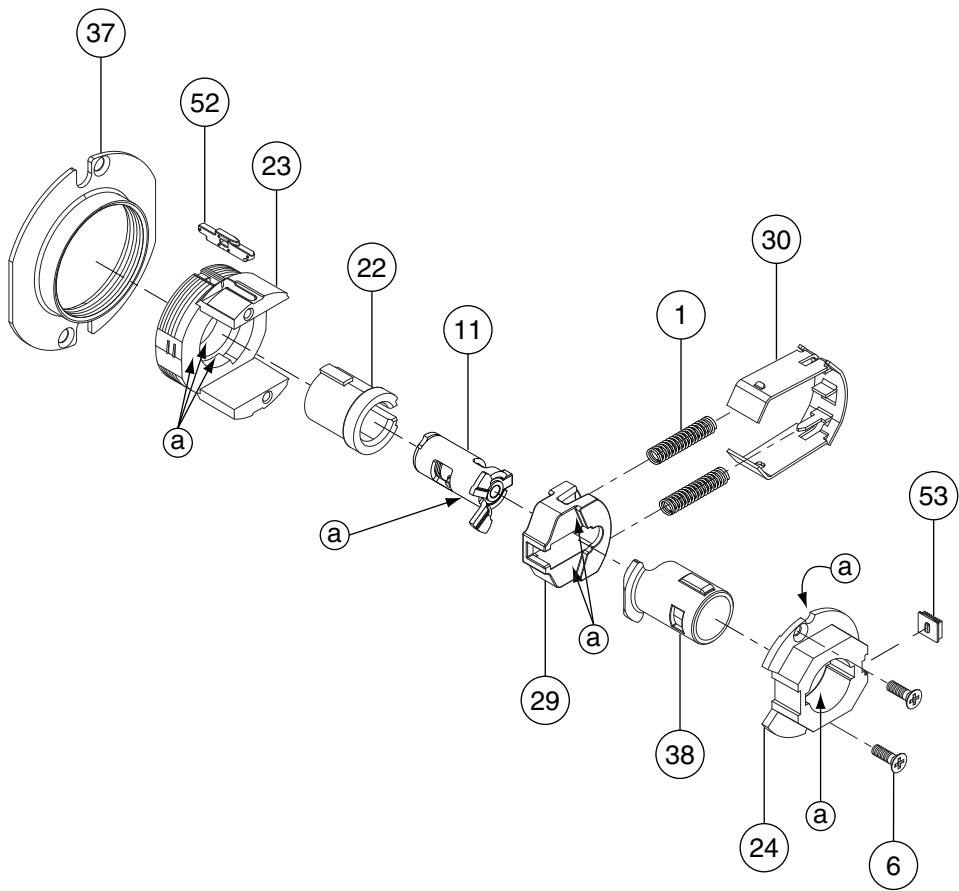
| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 17 | Keycam assembly | N123-045 |
| 22 | Spindle | N523-013 |
| 23 | Outside 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 | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Time out lock with Vandlgard®

ND45



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

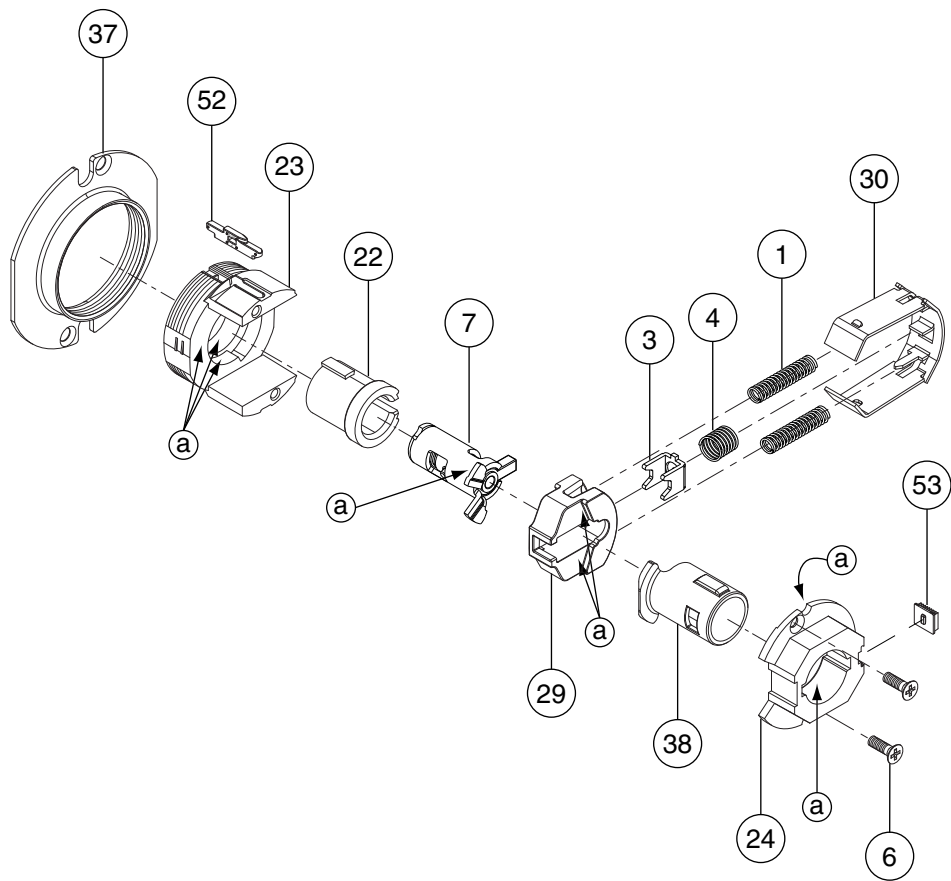
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 11 | Keycam assembly | N123-011 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✦ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✦ Designates new parts or assemblies.

Entrance/office and entrance lock

ND50 and ND53



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

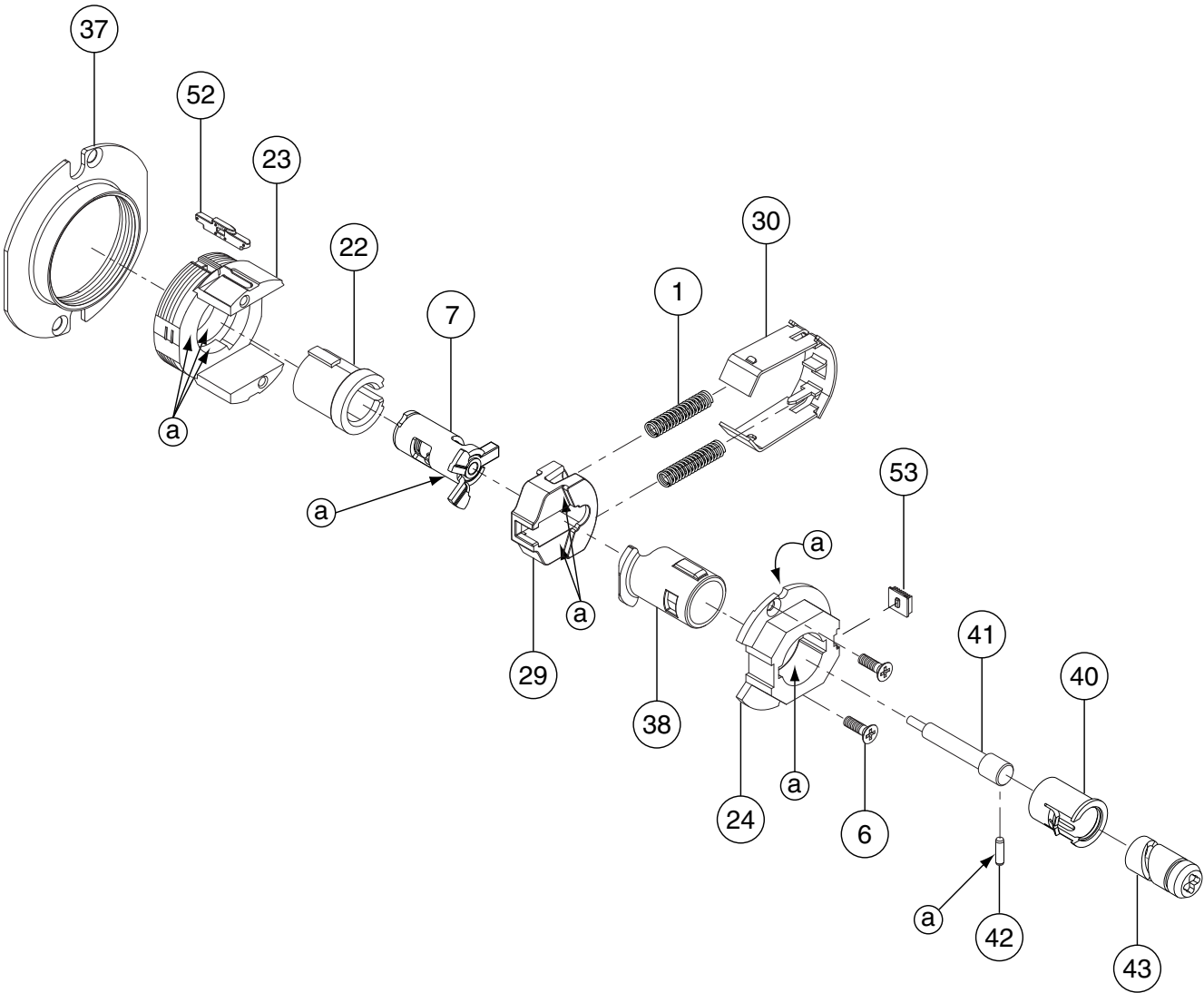
| No. | Description | Part number |
|-----|--------------------|-------------|
| 1 | Slide spring | C503-019 |
| 3 | Slide catch | C604-188 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 7 | Keycam assembly | N123-007 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 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 | N523-177 ⚡ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

* Not sold separately as a part.
⚡ Designates new parts or assemblies.

Vestibule lock

ND60



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

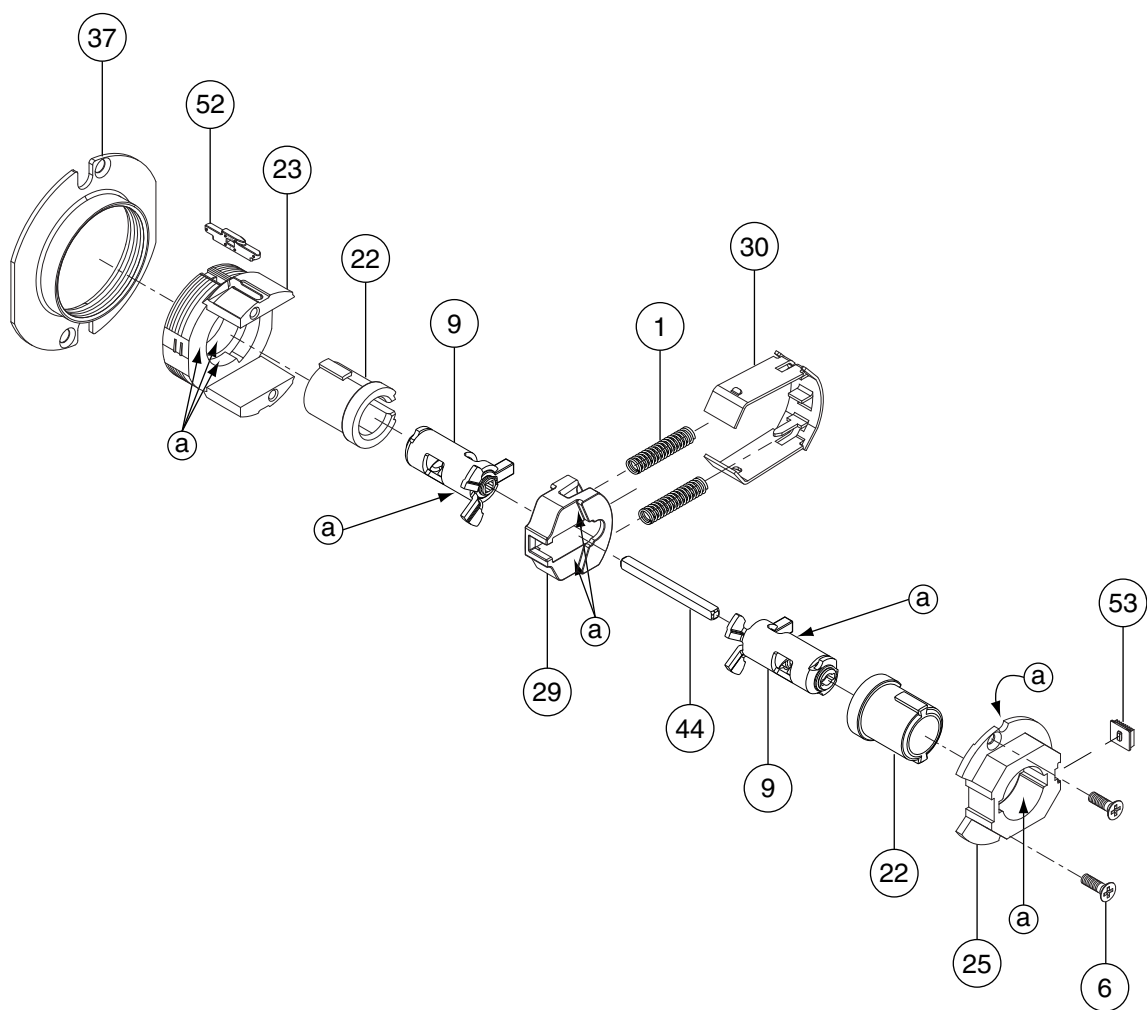
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 7 | Keycam assembly | N123-007 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30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

| No. | Description | Part number |
|-----|--------------------|-------------|
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✦ |
| 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* |

* Not sold separately as a part.
✦ Designates new parts or assemblies.

Store lock

ND66



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

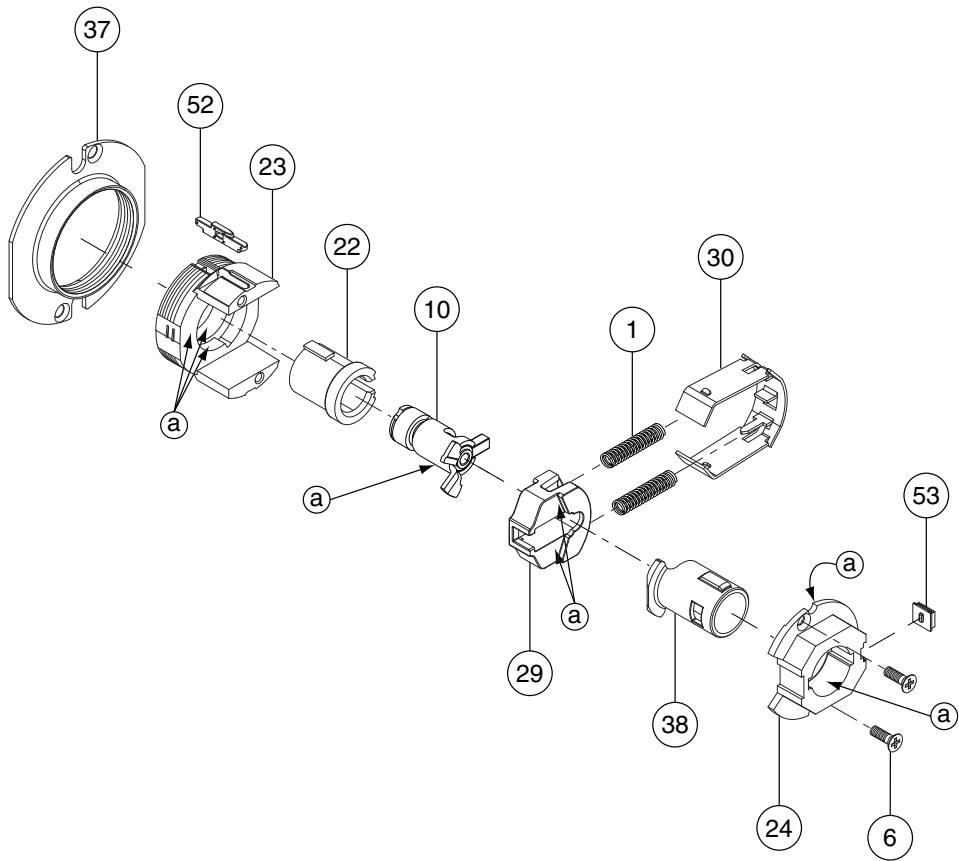
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 9 | Keycam assembly | N123-076 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| 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* |

* Not sold separately as a part.

Classroom lock

ND70



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

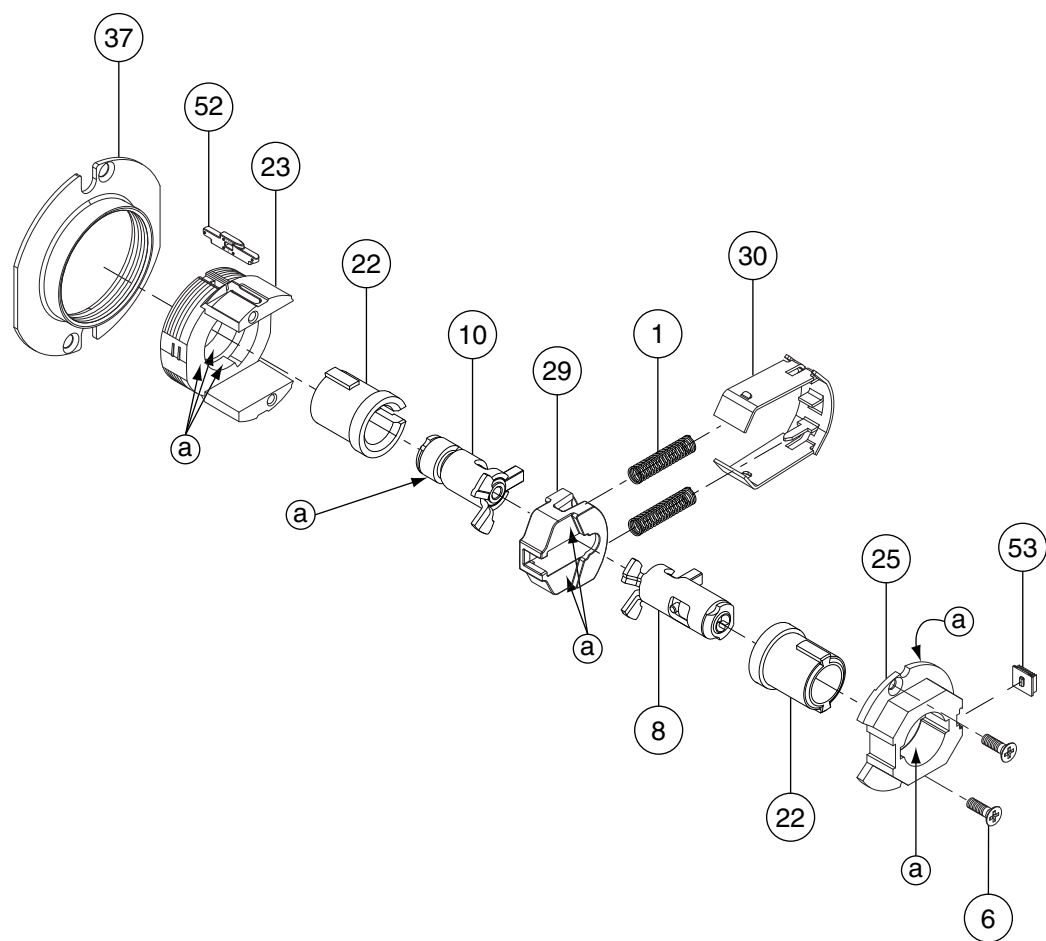
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Special— classroom by storeroom lock

ND70X80



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

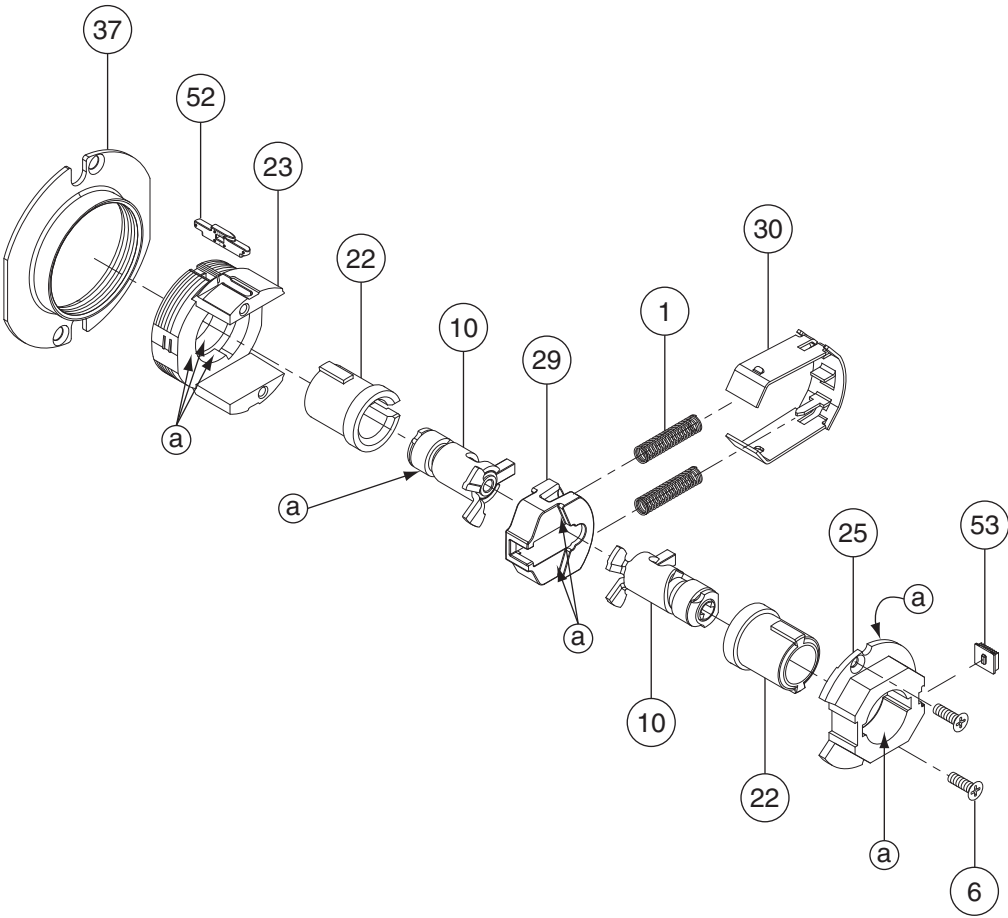
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |

| 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* |

* Not sold separately as a part.

Special— communicating lock

ND72



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

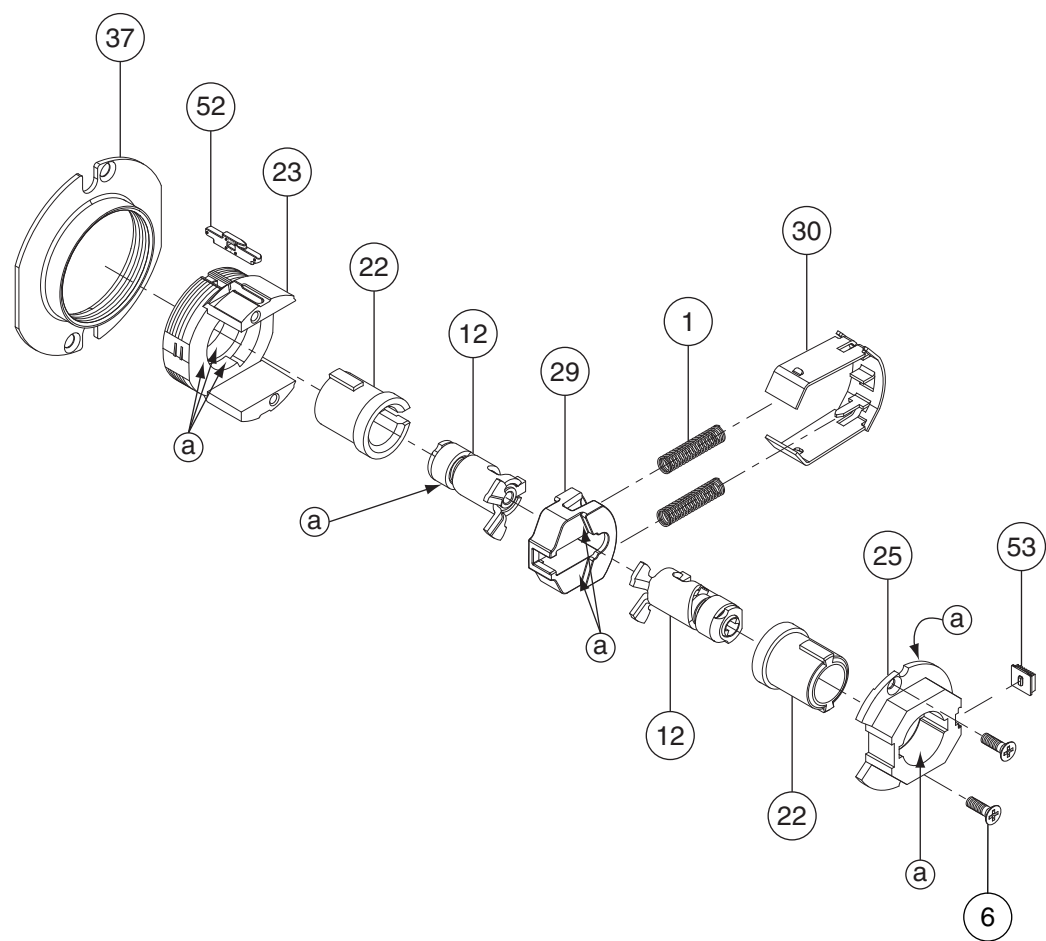
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| 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* |

* Not sold separately as a part.

Special— communicating lock with Vandlgard®

ND72 Vandlgard®



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

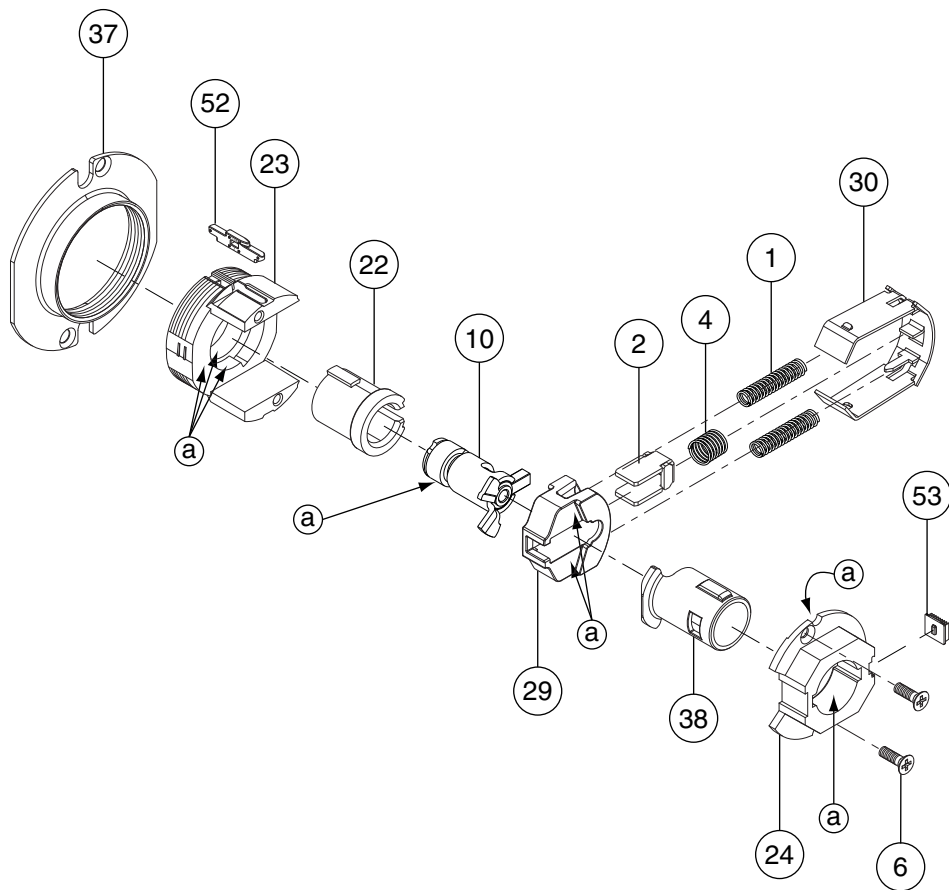
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 12 | Keycam assembly | N123-012 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| 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 * |

* Not sold separately as a part.

Corridor lock

ND73



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

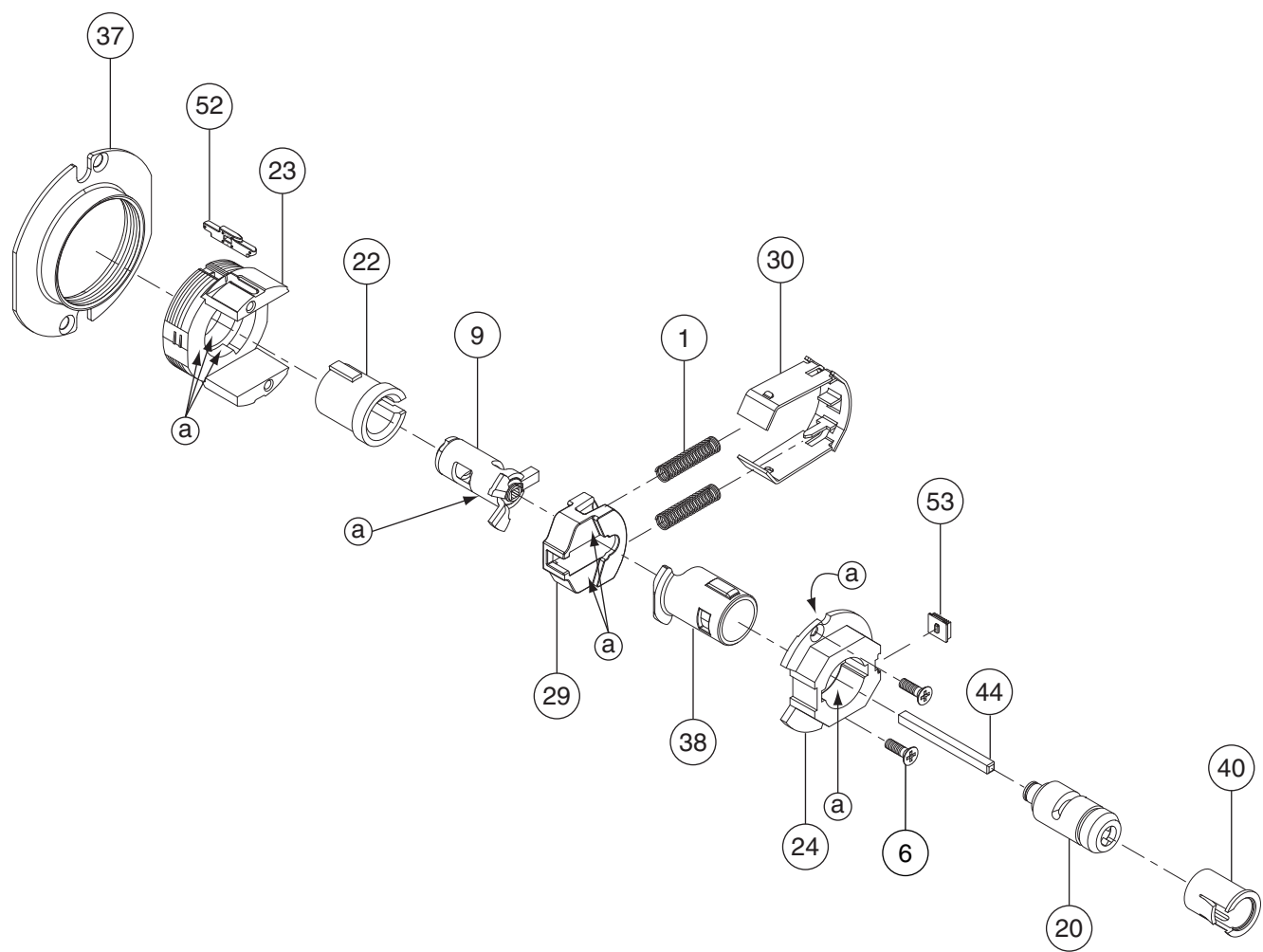
| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 10 | Keycam assembly | N123-010 |
| 22 | Spindle | N523-013 |
| 23 | Outside 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 | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Classroom security lock

ND75



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

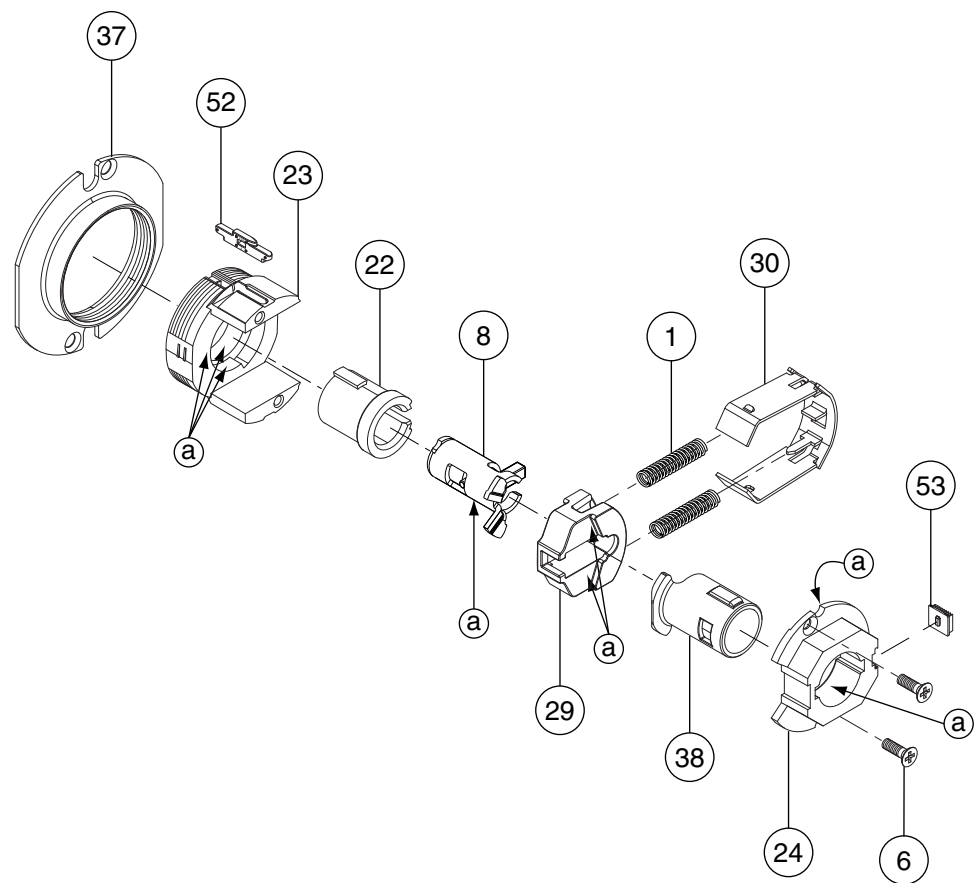
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 9 | Keycam assembly | N123-076 |
| 20 | Inside cam | N123-059 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 40 | Plunger sleeve | N523-063 |
| 44 | Plunger bar | N523-067 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Storeroom lock

ND80



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

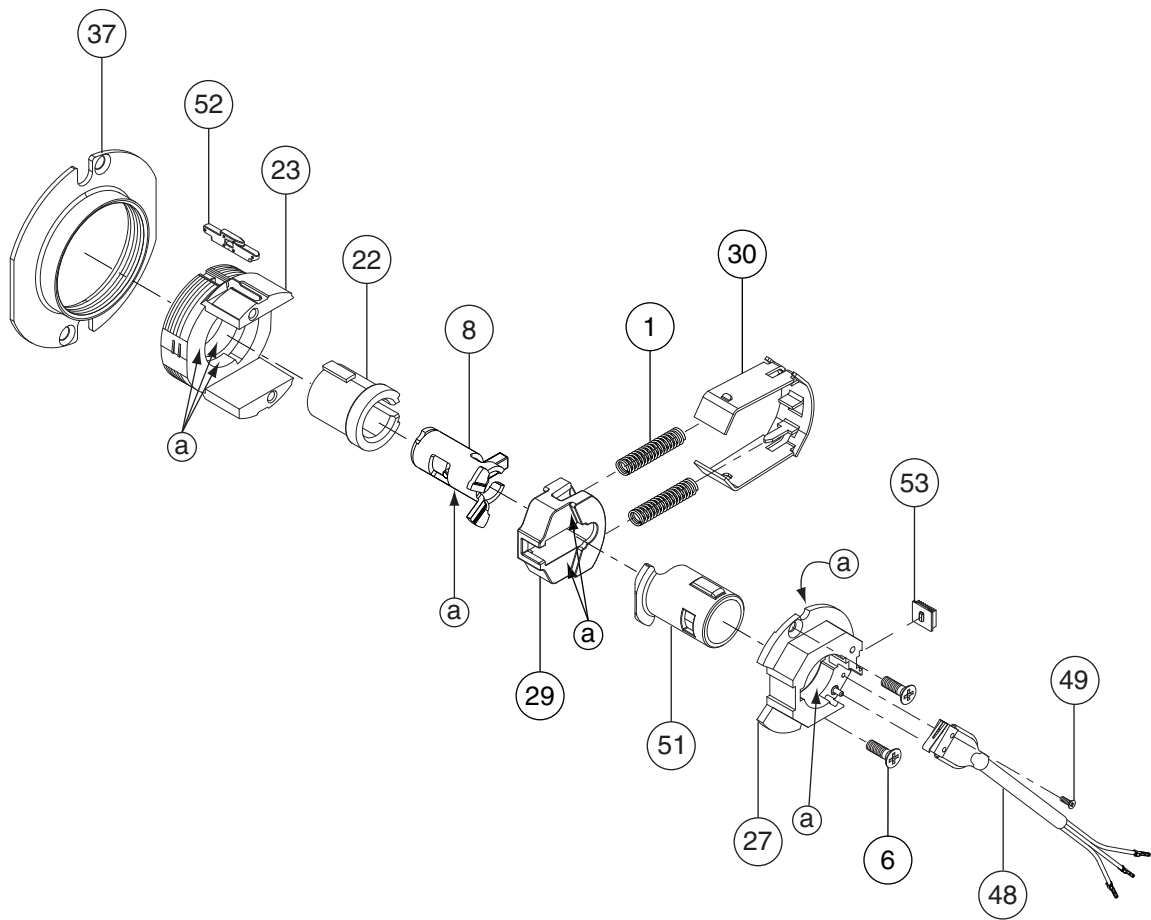
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Storeroom lock with request-to-exit

ND80 RX



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

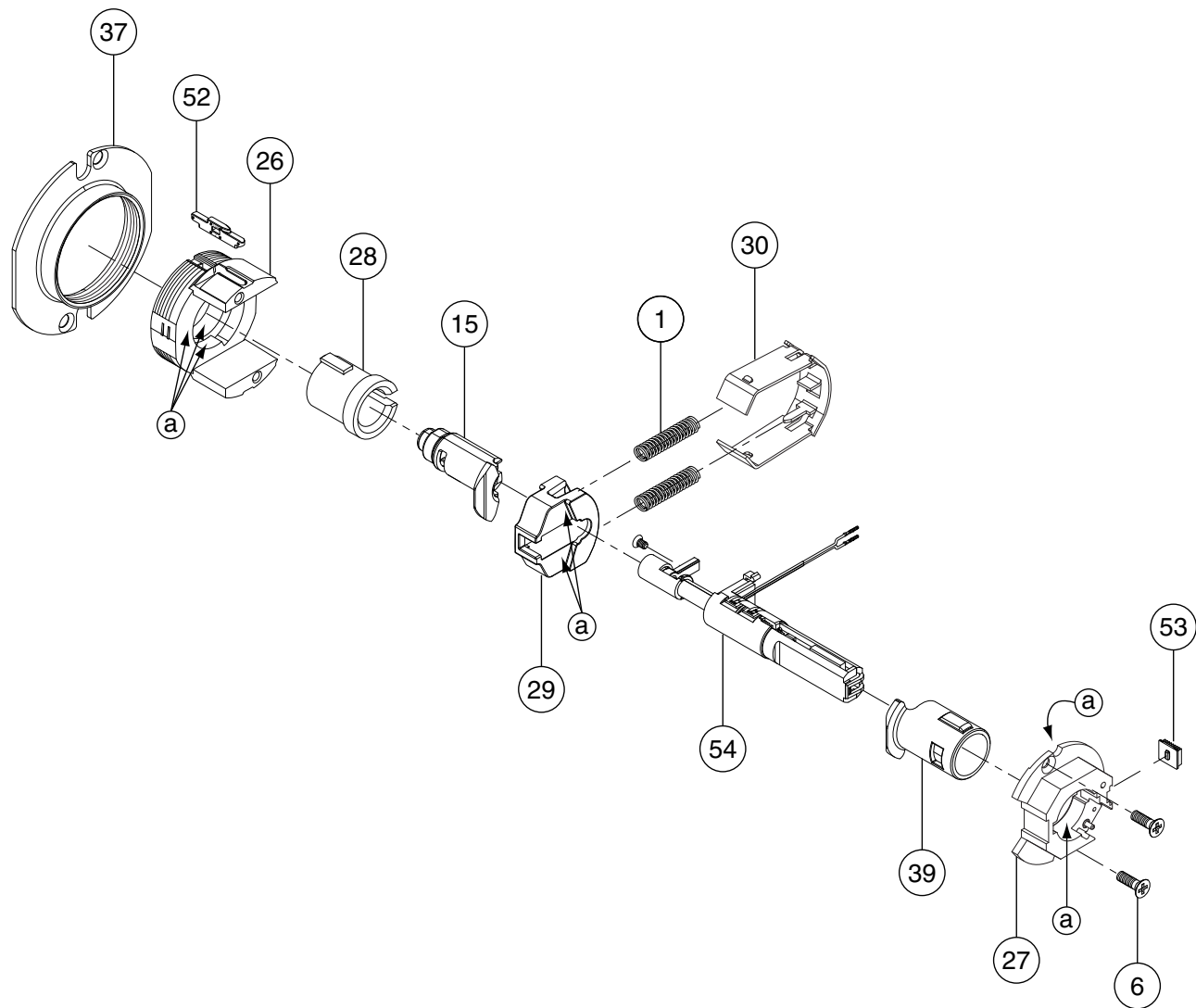
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 27 | Inside hub, electrified and RX | 24085078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

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 51 | RX inside spindle | N523-177 ◇ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
** For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Storeroom lock— Electrically locked (fail safe) or electrically locked (fail safe)

ND80EL or ND80EU



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

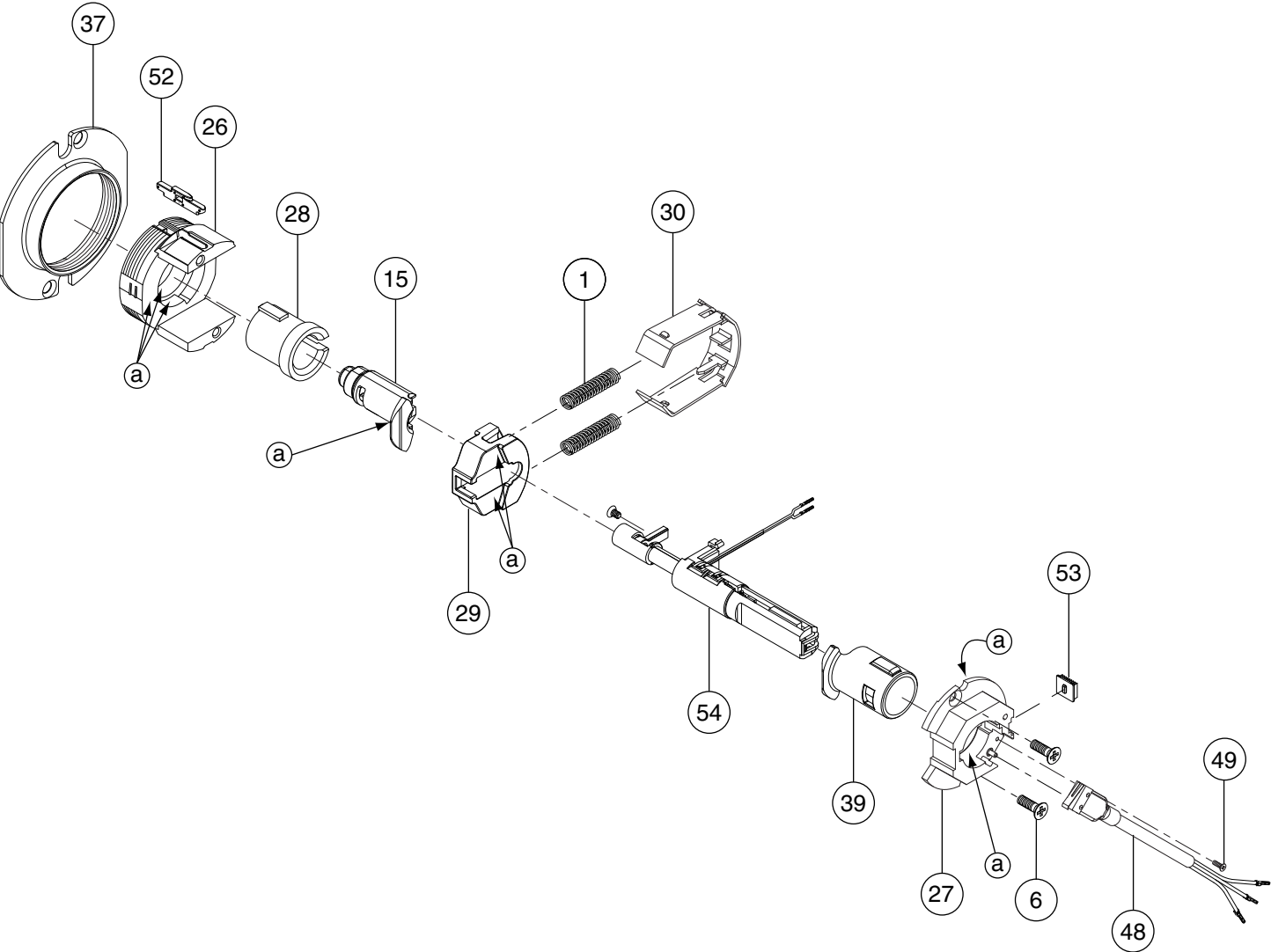
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N223-066 ◇ |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|----------------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside spindle | N523-177 ◇ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160* |
| 54 | Electrified motor assembly | N223-062**◇ |

* Not sold separately as a part.
** For electrified lock details, see **Electrified locks** on page 105.
◇ Designates new parts or assemblies.

Storeroom lock— Electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit

ND80EL RX or ND80EU RX



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

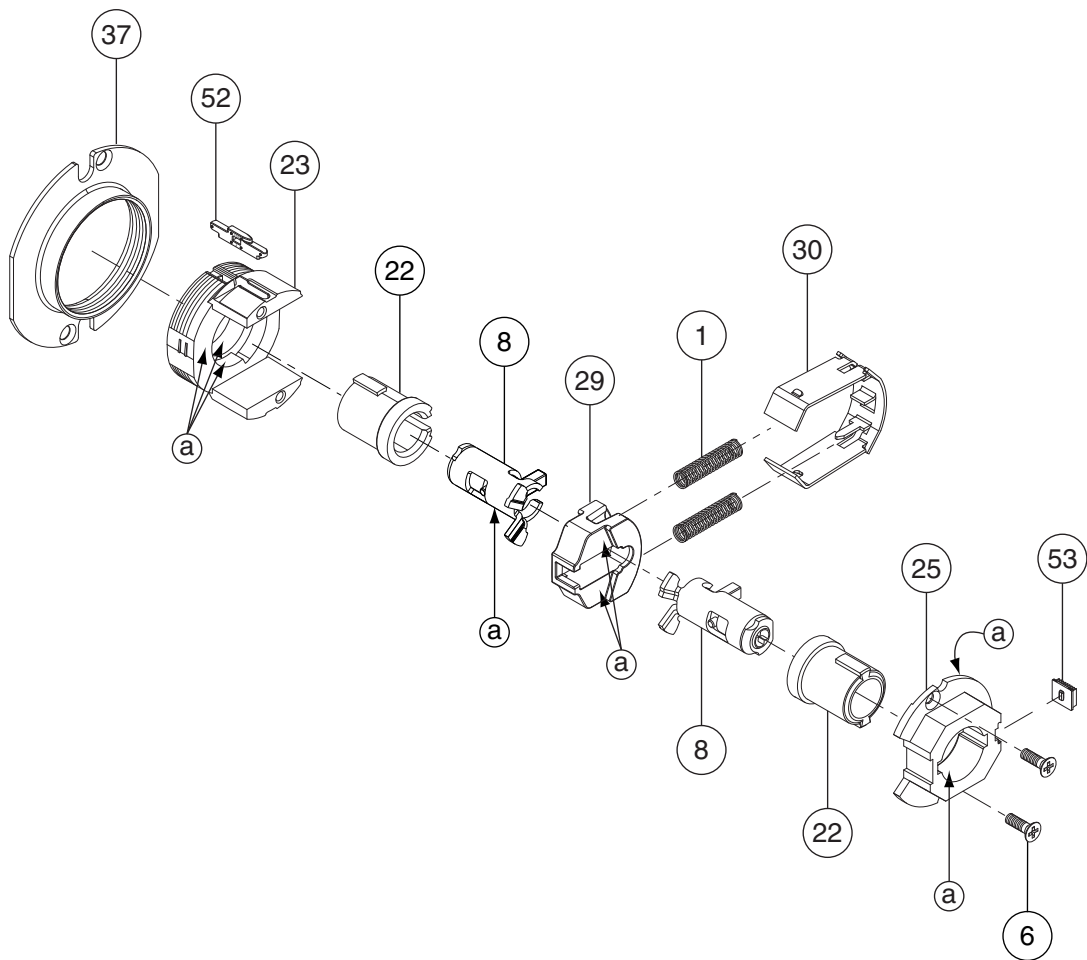
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N223-066 ◇ |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |

| No. | Description | Part number |
|-----|----------------------------|--------------|
| 37 | Adjustment plate | N523-054 |
| 39 | Inside spindle | N523-177 ◇ |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |
| 54 | Electrified motor assembly | N223-062** ◇ |

* Not sold separately as a part.
 ** For RX details, see **Request-to-exit feature** on page 106. For electrified lock details, see **Electrified locks** on page 105.
 ◇ Designates new parts or assemblies.

Institution lock

ND82



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

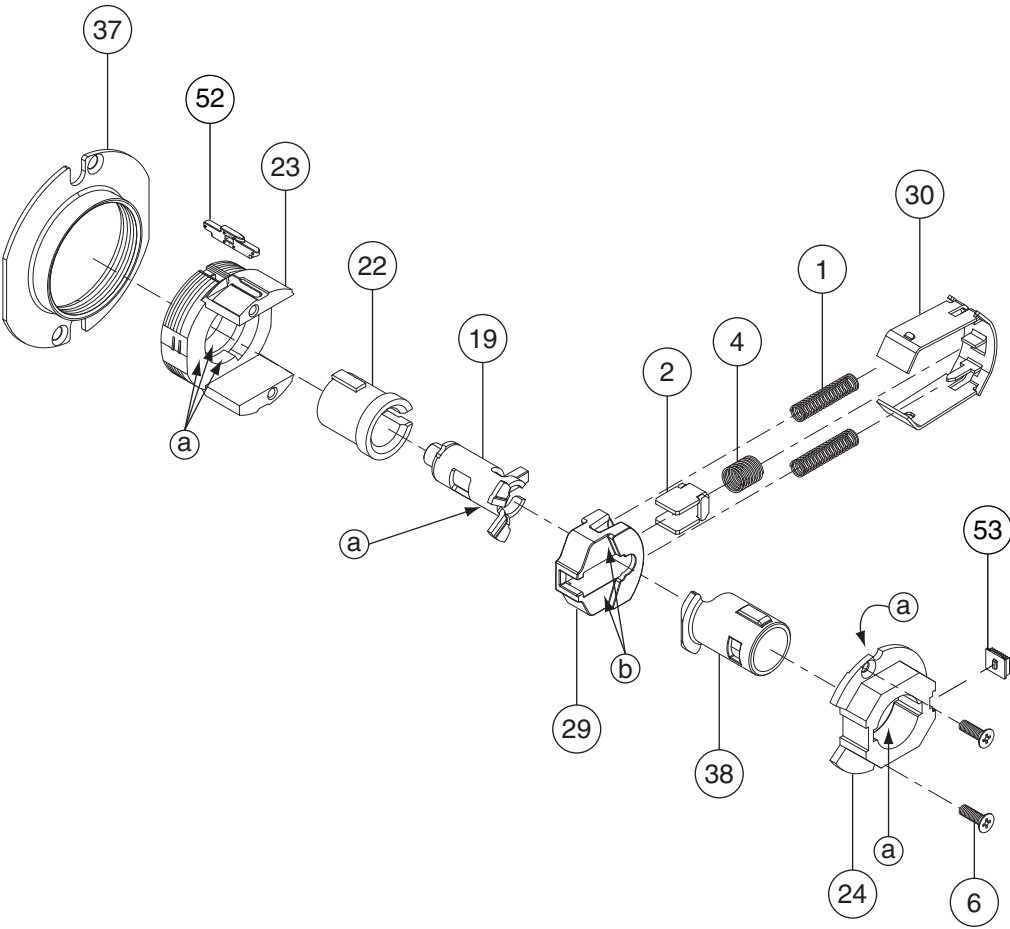
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-109 |
| 6 | Chassis screw | L583-454 |
| 8 | Keycam assembly | N123-008 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 25 | Inside hub | 24085060 |

| 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 * |

* Not sold separately as a part.

Faculty restroom lock

ND85



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

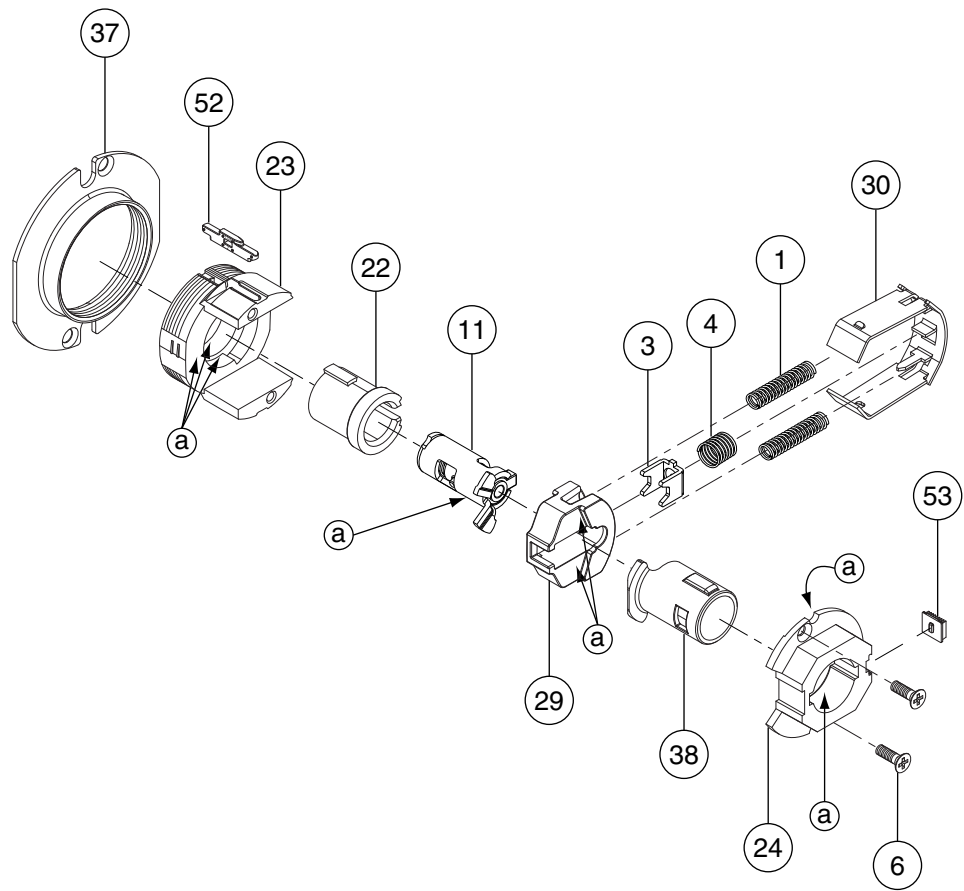
| No. | Description | Part number |
|-----|-----------------------|-------------|
| 1 | Slide spring | C503-019 |
| 2 | Restoring slide catch | C604-187 |
| 4 | Slide catch spring | C604-191 |
| 6 | Chassis screw | L583-454 |
| 19 | Keycam assembly | N123-055 |
| 22 | Spindle | N523-013 |
| 23 | Outside 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 | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Entrance/office and entrance lock with Vandlgard®

ND91 and ND92



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

| 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 |

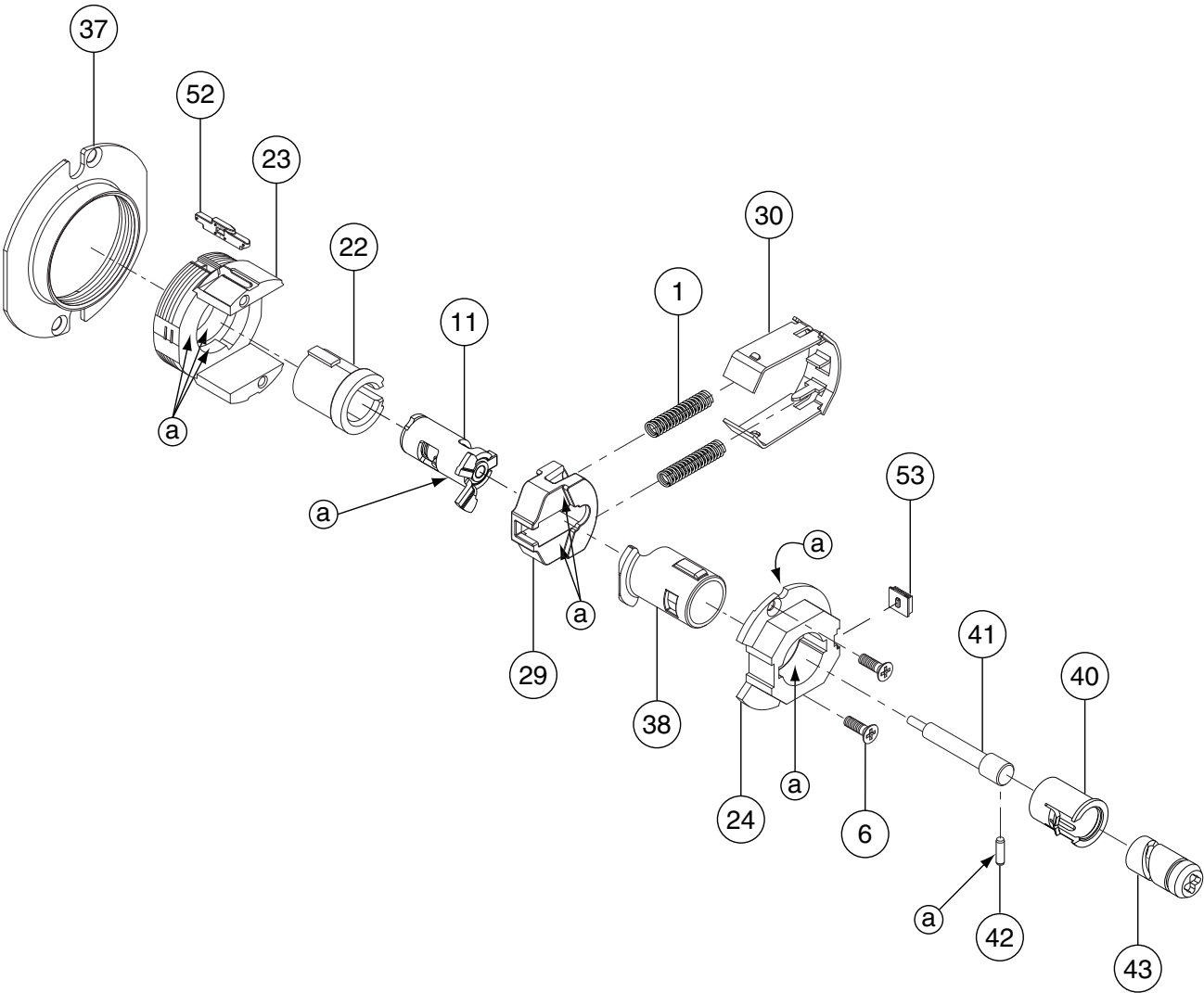
| No. | Description | Part number |
|-----|--------------------|-------------|
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.

✧ Designates new parts or assemblies.

Vestibule lock with Vandlgard®

ND93



(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 |

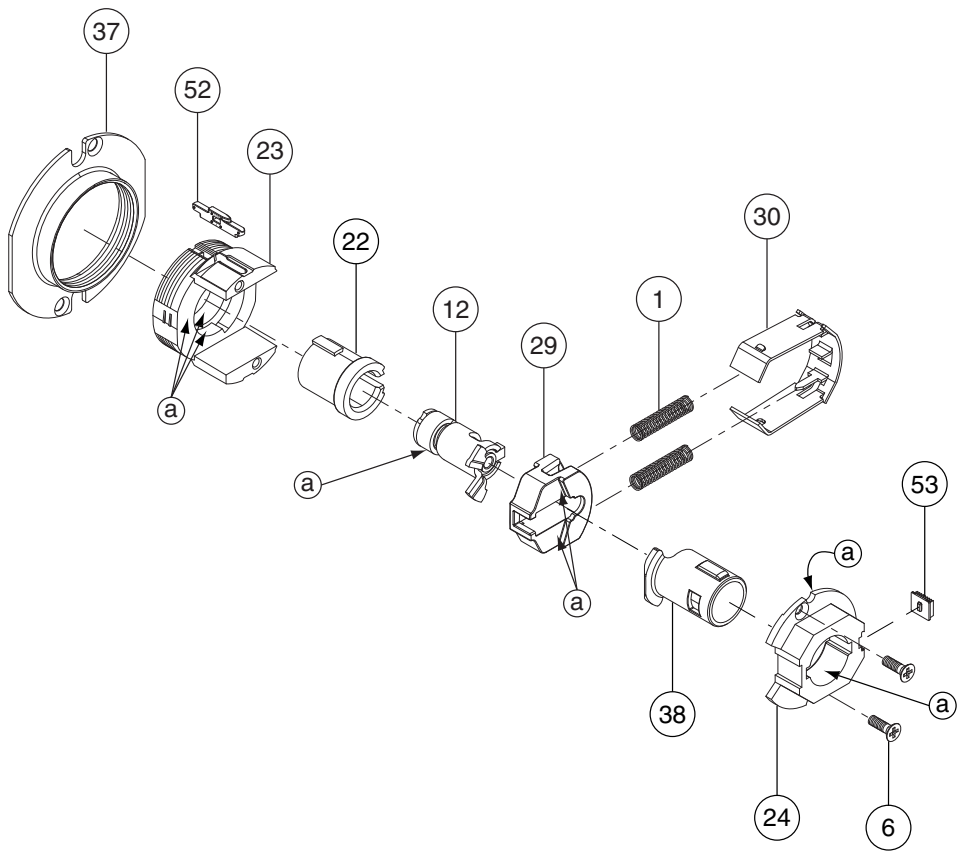
* Not sold separately as a part.

◇ Designates new parts or assemblies.

| No. | Description | Part number |
|-----|--------------------|-------------|
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ◇ |
| 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 * |

Classroom lock with Vandlgard®

ND94



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

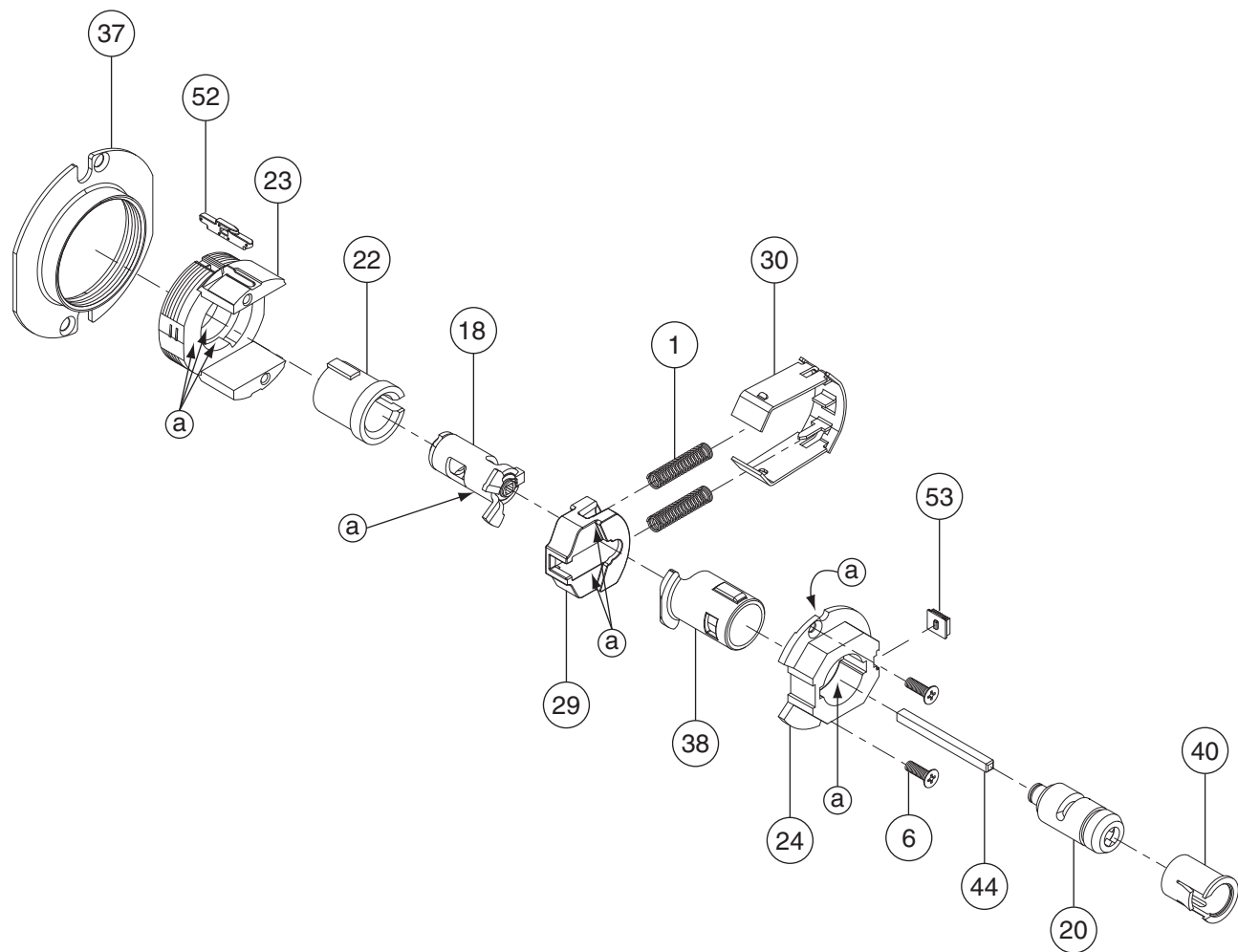
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 12 | Keycam assembly | N123-012 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Classroom security lock with Vandlgard®

ND95



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

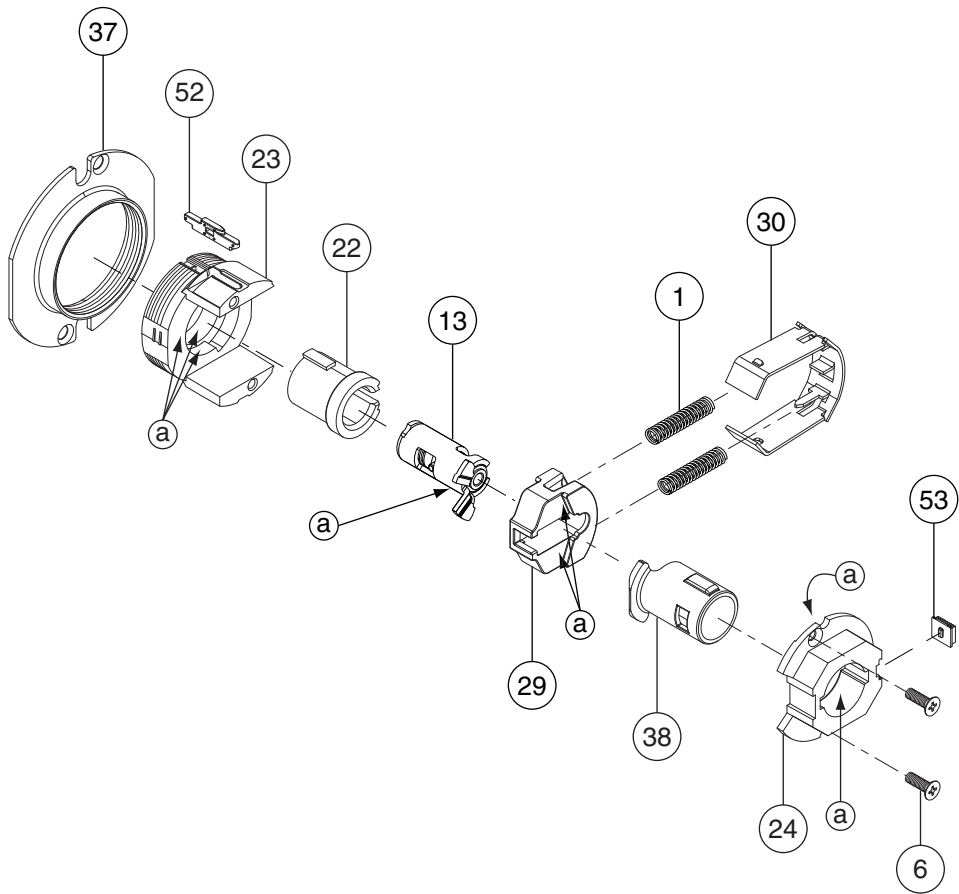
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 18 | Keycam assembly | N123-098 |
| 20 | Inside cam | N123-059 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ⚡ |
| 40 | Plunger sleeve | N523-063 |
| 44 | Plunger bar | N523-067 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
⚡ Designates new parts or assemblies.

Storeroom lock with Vandlgard®

ND96



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

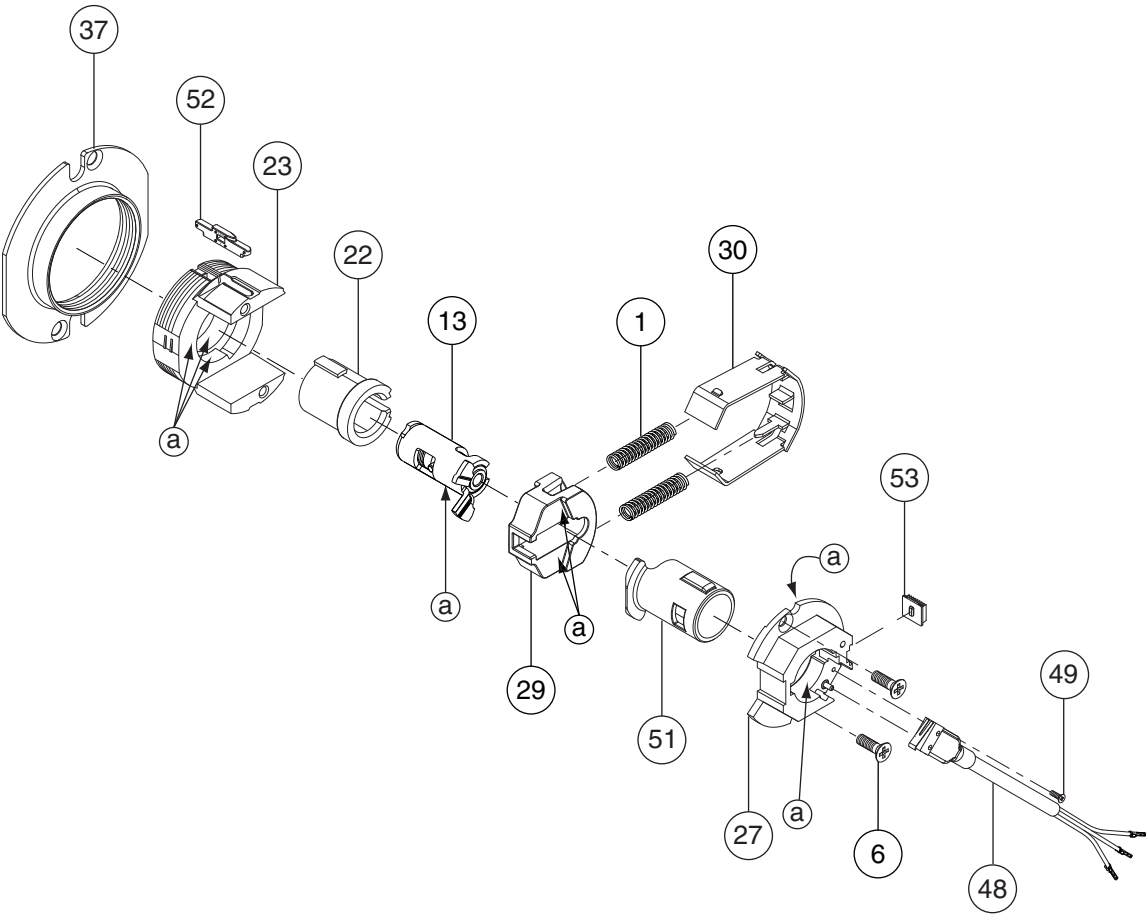
| No. | Description | Part number |
|-----|-----------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 13 | Keycam assembly | N123-013 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 24 | Inside hub | 24085037 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 38 | Spindle | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
✧ Designates new parts or assemblies.

Storeroom lock with Vandlgard® with request to exit

ND96 RX



Ⓐ Apply light film of 100% synthetic grease on surfaces with brush.

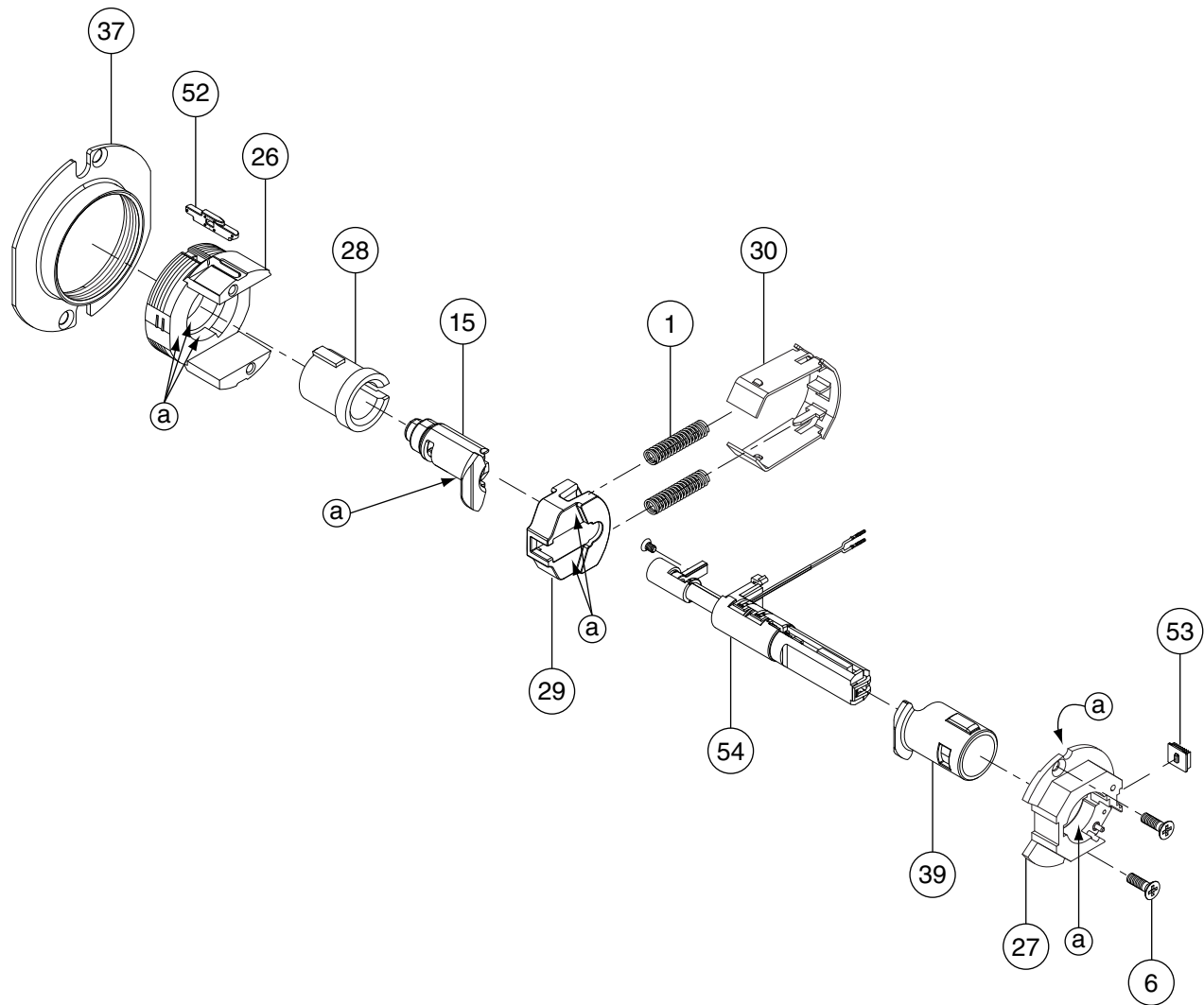
| No. | Description | Part number |
|-----|--------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 13 | Keycam assembly | N123-013 |
| 22 | Spindle | N523-013 |
| 23 | Outside housing | 24088544 |
| 27 | Inside hub, electrified and RX | 24085078 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|--------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 51 | RX inside spindle | N523-177 ◇ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

* Not sold separately as a part.
** For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Storeroom lock with Vandlgard®— Electrically locked (fail safe) or electrically unlocked (fail secure)

ND96EL or ND96EU



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

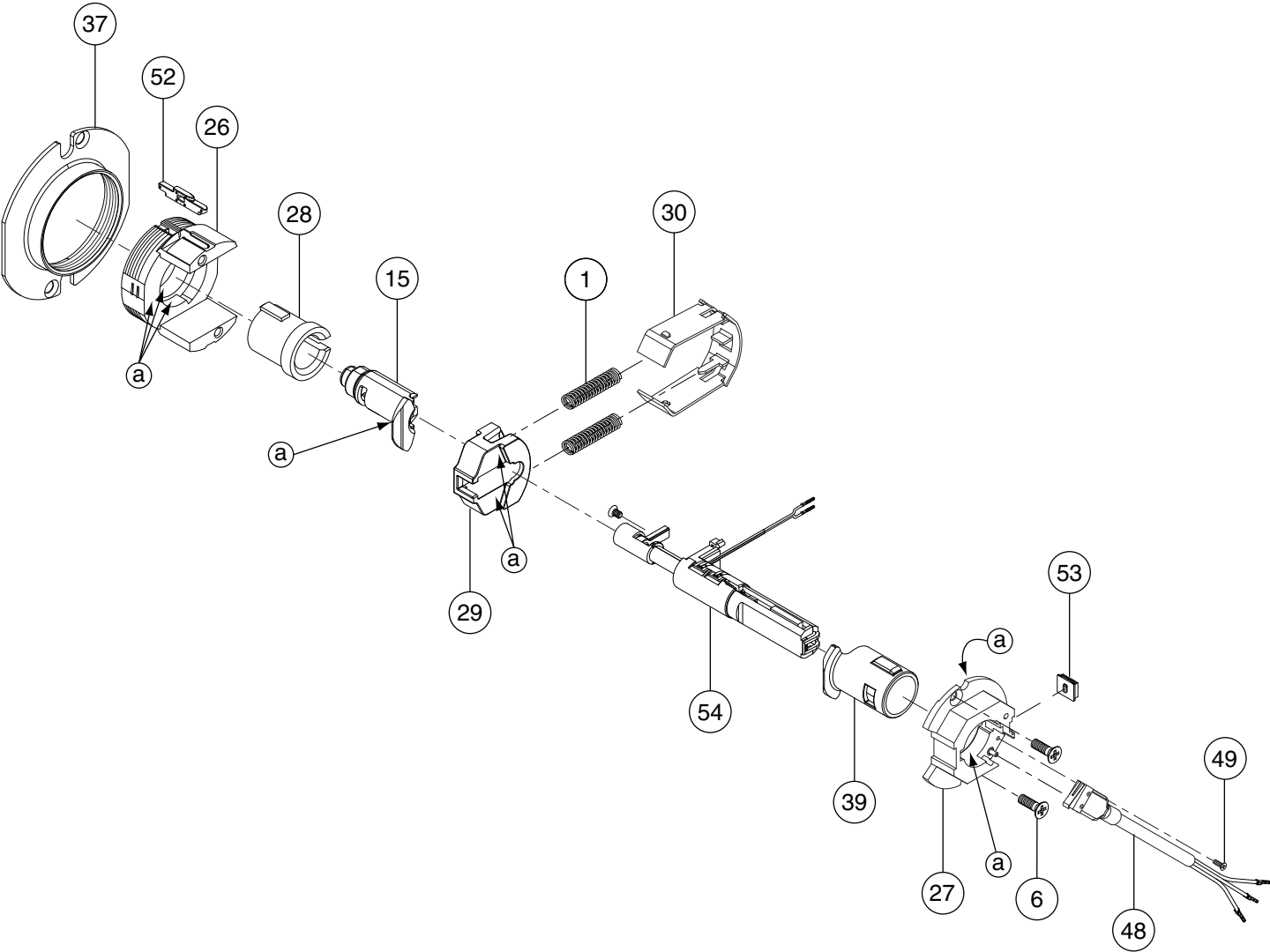
| No. | Description | Part number |
|-----|----------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N223-066 ◇ |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub—electrified functions | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |

| No. | Description | Part number |
|-----|---------------------------------------|-------------|
| 30 | Slide clip | N523-025 |
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-177 ◇ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |
| 54 | Electrified motor assembly –Vandlgard | N223-063**◇ |

* Not sold separately as a part.
** For electrified lock details, see **Electrified locks** on page 105.
◇ Designates new parts or assemblies.

Storeroom lock with Vandlgard®— Electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit

ND96EL RX or ND96EU RX



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

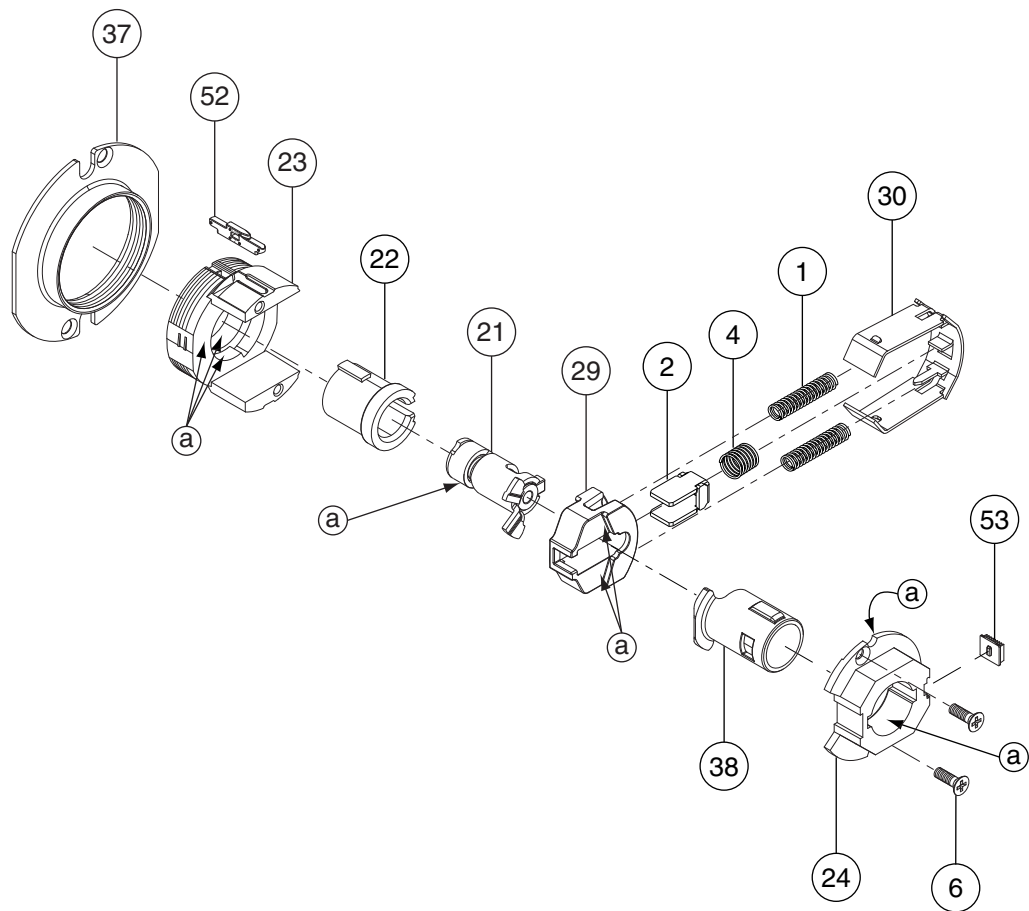
| No. | Description | Part number |
|-----|----------------------------------|-------------|
| 1 | Slide spring | C503-019 |
| 6 | Chassis screw | L583-454 |
| 15 | Electrified keycam assembly | N223-066 ◇ |
| 26 | Outside electrified housing | 24088551 |
| 27 | Inside hub—electrified functions | 24085078 |
| 28 | Outside electrified spindle | N523-019 |
| 29 | Slide | N523-149 |
| 30 | Slide clip | N523-025 |

| No. | Description | Part number |
|-----|---------------------------------------|--------------|
| 37 | Adjustment plate | N523-054 |
| 39 | Inside electrified spindle | N523-177 ◇ |
| 48 | RX harness | N523-194** |
| 49 | RX harness screw | N523-135 |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |
| 54 | Electrified motor assembly –Vandlgard | N223-063** ◇ |

* Not sold separately as a part.
** For RX details, see “Request-to-exit feature”. For electrified lock details, see Electrified locks on page 105.
◇ Designates new parts or assemblies.

Corridor lock with Vandlgard®

ND97



Ⓐ 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 |
| 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 | N523-177 ✧ |
| 52 | Gauge insert | 23988066 |
| 53 | Insert, inside hub | N523-160 * |

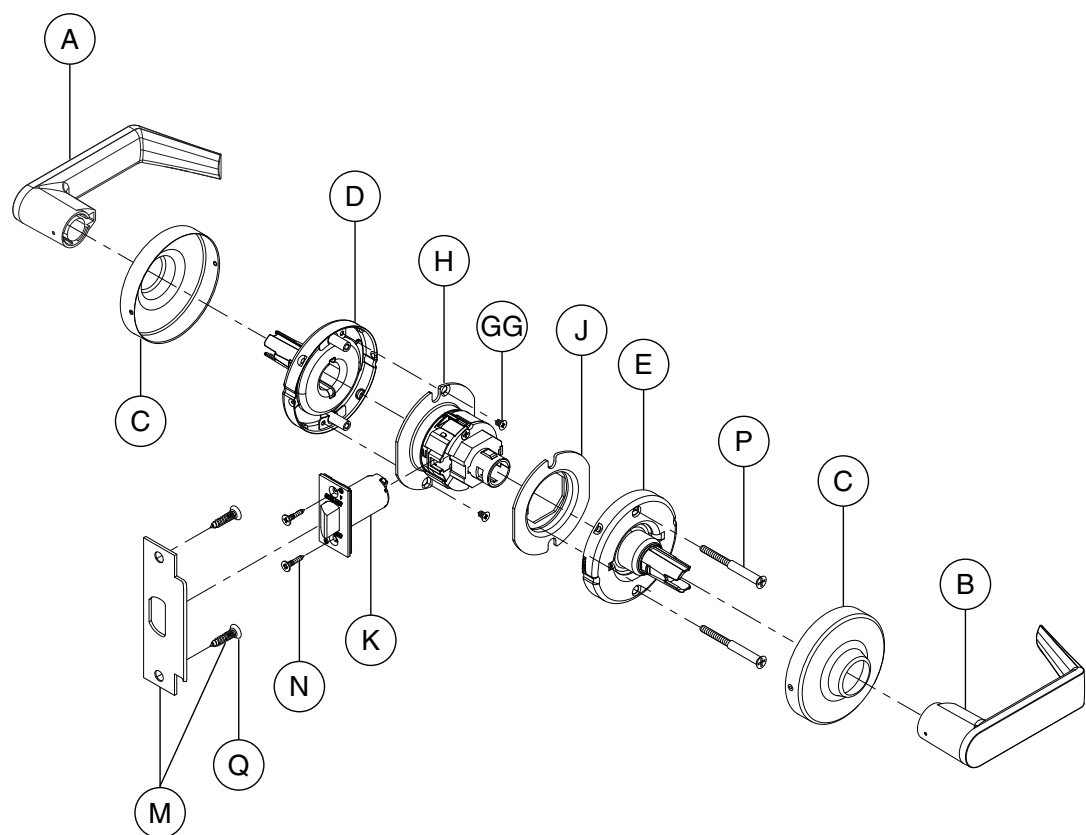
* Not sold separately as a part.
✧ Designates new parts or assemblies.

Trim assemblies

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

Passage latch

ND10



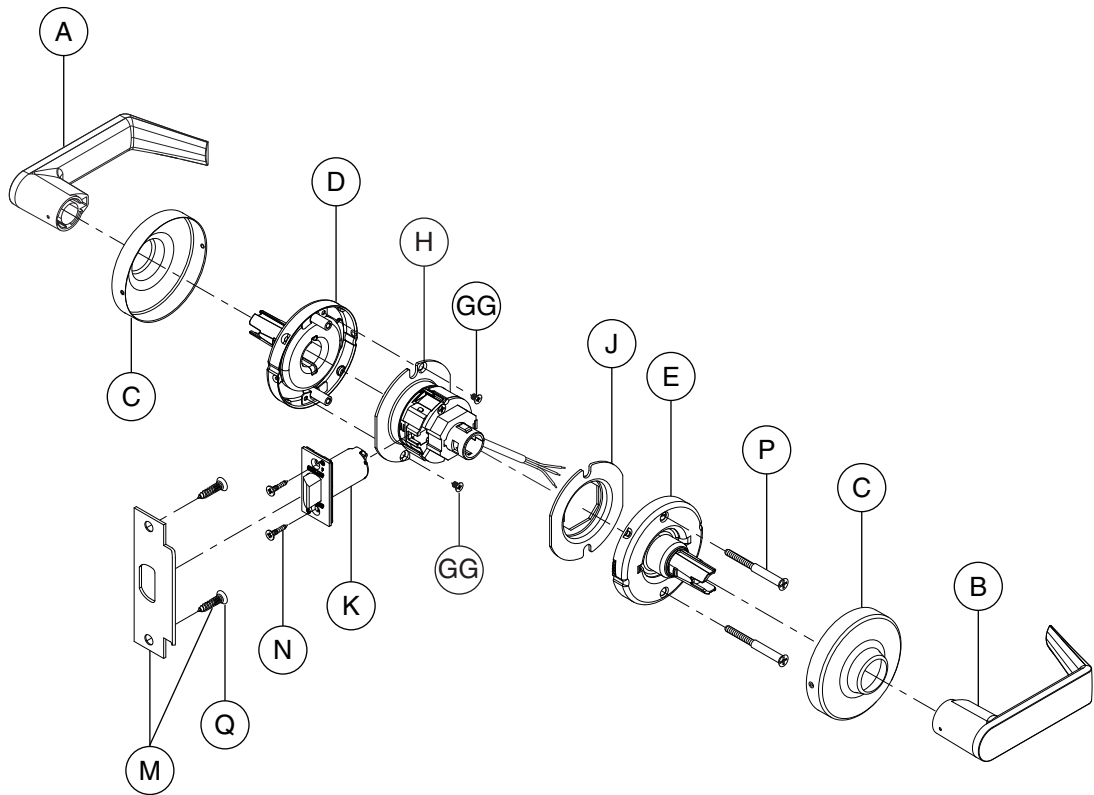
| Letter | Description | Part number |
|--------|--------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ✧ |
| B | Inside lever—closed | 03-230 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—passage | N523-218 ✧ |
| E | Inside spring cage assembly—standard | N523-221 ✧ |
| H | Chassis | 24088254* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Springlatch | 13-248 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| GG | Adjustment plate screws | N523-240 ✧ |

* Chassis part number is for reference only.
✧ Designates new parts or assemblies.

Passage latch with request-to-exit

ND10 RX**



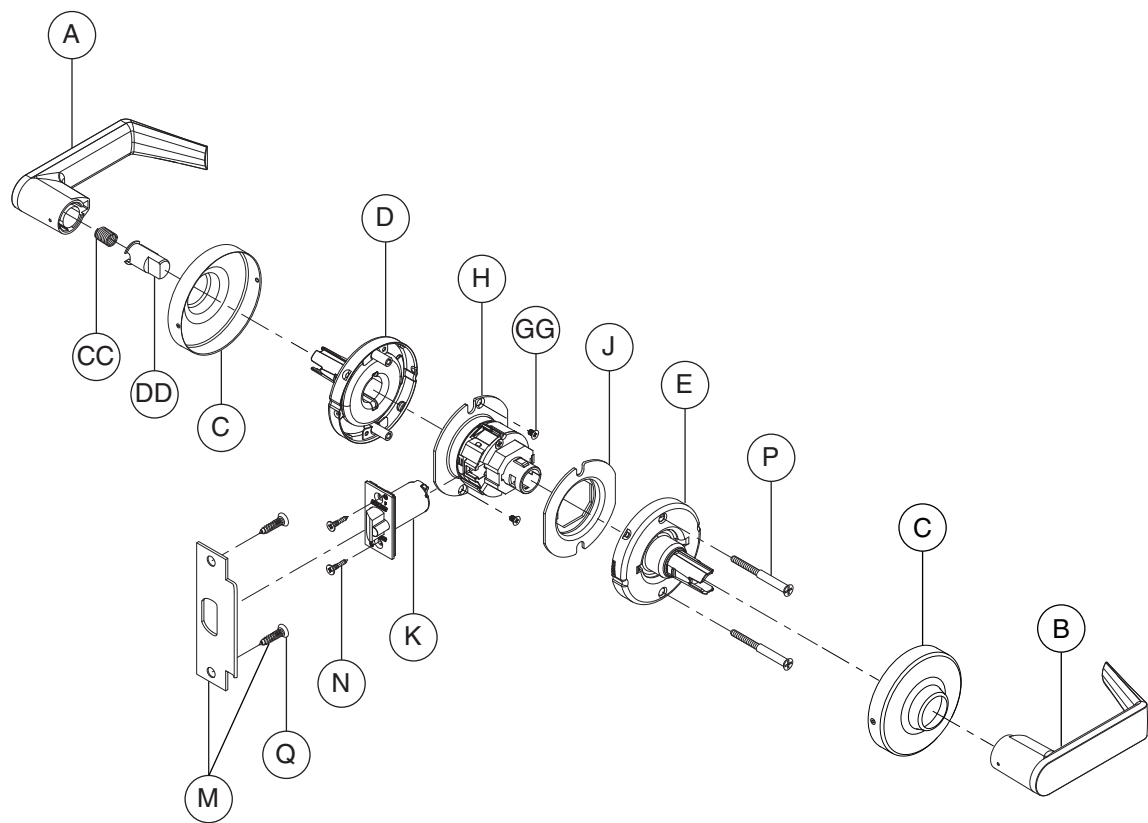
| Letter | Description | Part number |
|--------|--------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—passage | N523-218 ◇ |
| E | Inside spring cage assembly—standard | N523-221 ◇ |
| H | Chassis | 24088429* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Springlatch | 13-248 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| GG | Adjustment plate screws | N523-240 ◇ |

* Chassis part number is for reference only.
** For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Exit lock

ND12



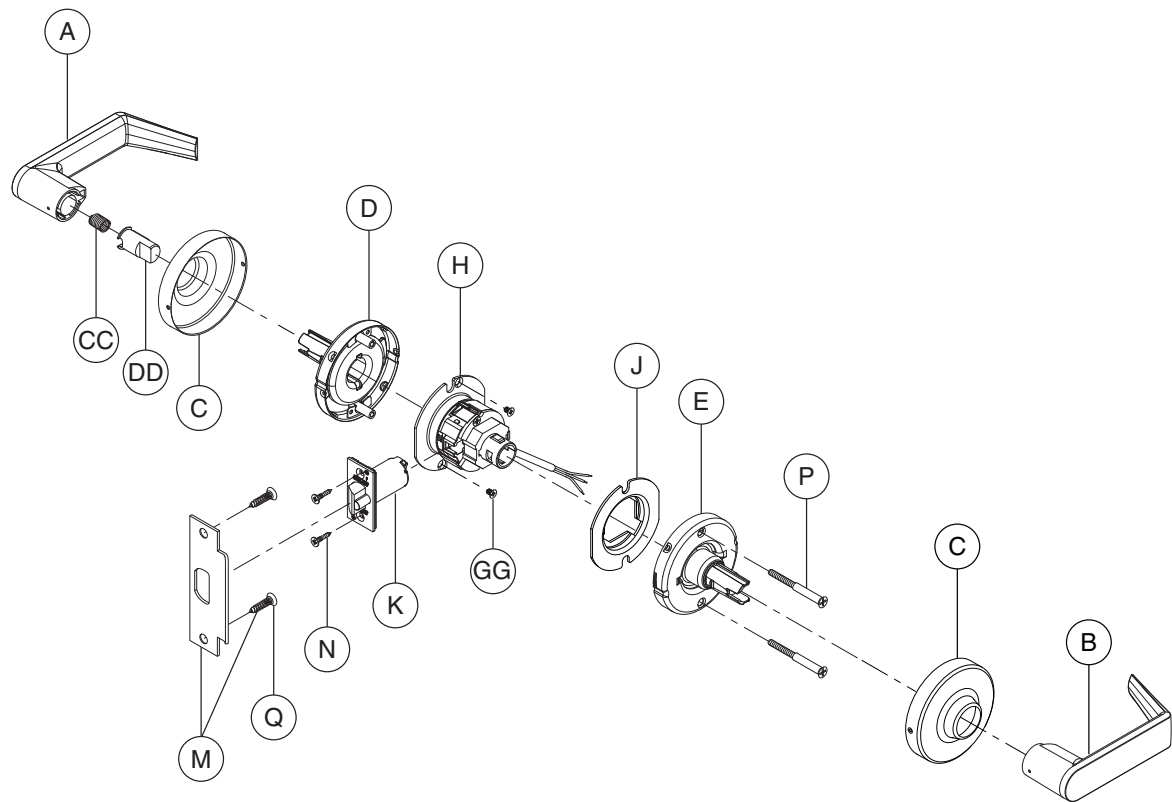
| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ◇ |
| E | Inside spring cage assembly—standard | N523-221 ◇ |
| H | Chassis | 24088262* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ◇ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| CC | Spring, plunger | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ◇ |

* Chassis part number is for reference only.
◇ Designates new parts or assemblies.

Exit lock with request-to-exit

ND12 RX**



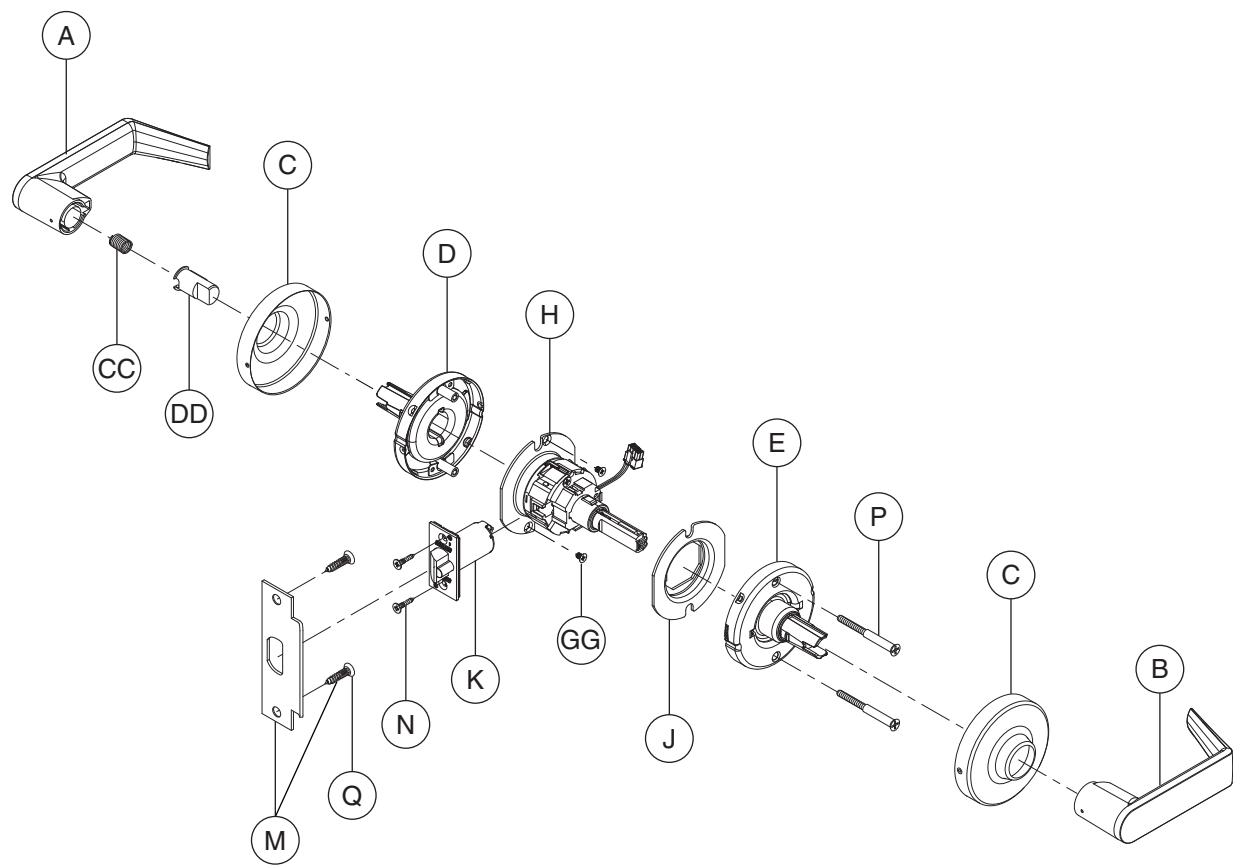
| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ◇ |
| E | Inside spring cage assembly—standard | N523-221 ◇ |
| H | Chassis | 24088437* |
| J | Anti-rotation plate | N523-131 |
| K | Deadlatch | 13-247 ◇ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| CC | Spring, plunger | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ◇ |

* Chassis part number is for reference only.
** For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Exit lock—electrically locked (fail safe) or electrically unlocked (fail secure)

ND12EL or ND12EU**



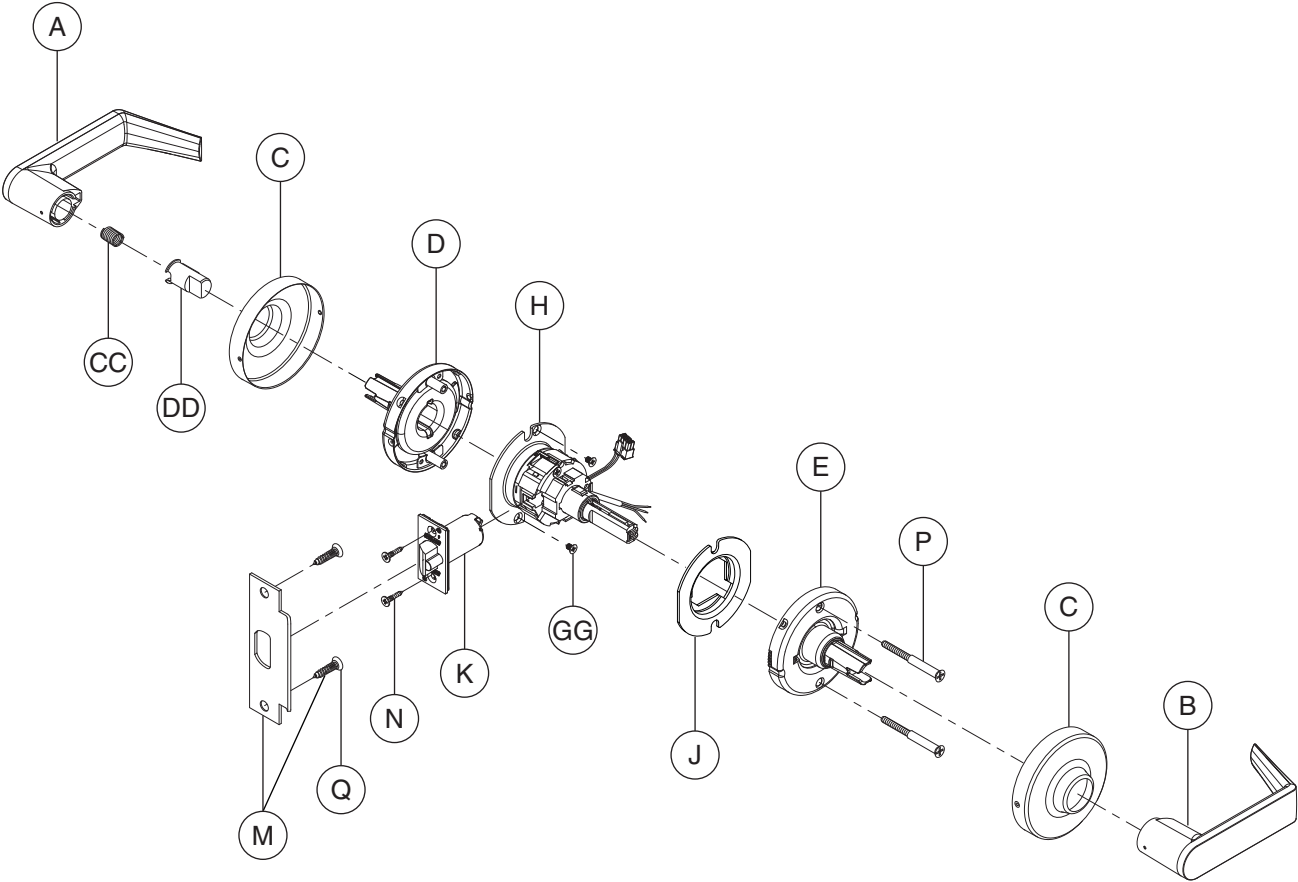
| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ✧ |
| B | Inside lever—closed | 03-230 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ✧ |
| E | Inside spring cage assembly—standard | N523-221 ✧ |
| H | Chassis, electrically locked | 63-180*✧ |
| | Chassis, electrically unlocked | 63-181*✧ |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| CC | Spring, plunger | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ✧ |

* Chassis part number is for reference only.
** For electrified lock details, see **Electrified locks** on page 105.
✧ Designates new parts or assemblies.

Exit lock— electrically locked (fail safe) or electrically unlocked (fail secure) with request-to-exit

ND12EL RX or ND12EU RX**



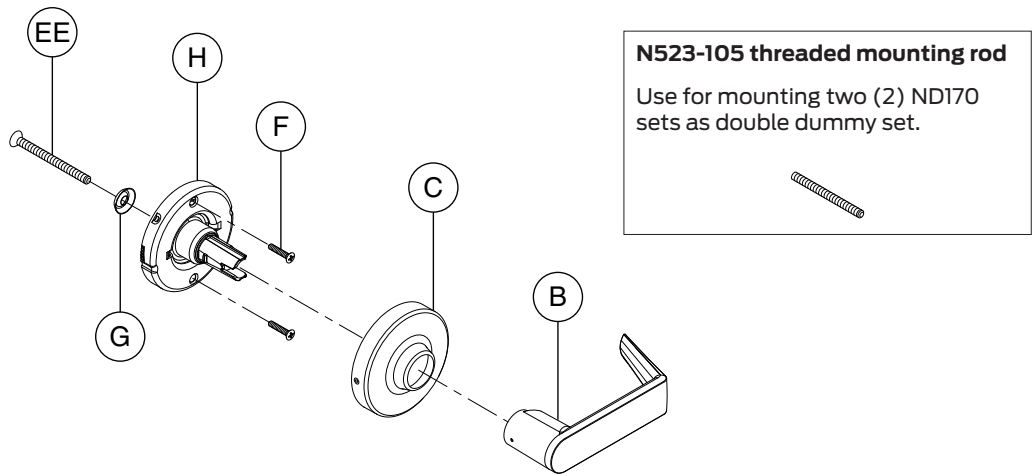
| Letter | Description | Part number |
|--------|--------------------------------|-------------|
| A | Outside lever—closed | 03-230 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ◇ |
| E | Inside spring cage—standard | N523-221 ◇ |
| H | Chassis, electrically locked | 63-184*◇ |
| | Chassis, electrically unlocked | 63-185*◇ |
| J | Anti-rotation plate | N523-131 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| CC | Spring, plunger | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ◇ |

* Chassis part number is for reference only.
** For electrified lock details, see **Electrified locks** on page 105. For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Single dummy trim

ND170



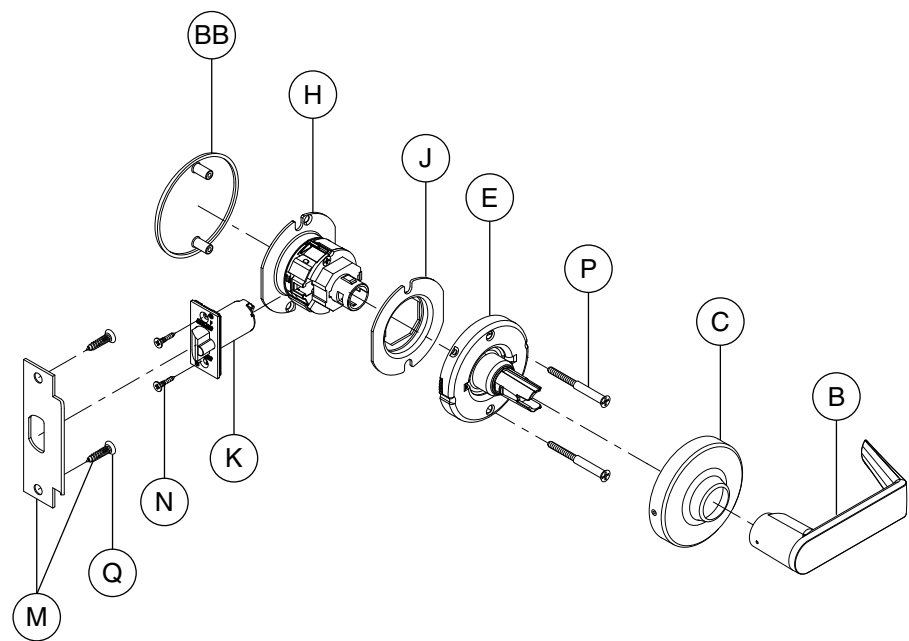
| Letter | Description | Part number |
|--------|-----------------------|-------------|
| B | Inside lever—closed | 03-230 ✦ |
| C | Rose | 03-042 |
| F | Dummy mounting screws | L583-133 |

| Letter | Description | Part number |
|--------|-----------------------------|-------------|
| G | Washer | A501-171 |
| H | Spring cage assembly, dummy | N523-223 ✦ |
| EE | Dummy through bolt | N523-092 |

✦ Designates new parts or assemblies.

Exit lock with blank plate

ND25



| Letter | Description | Part number |
|--------|--------------------------------------|-------------|
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| E | Inside spring cage assembly—standard | N523-221 ◇ |
| H | Chassis | 24088296* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ◇ |

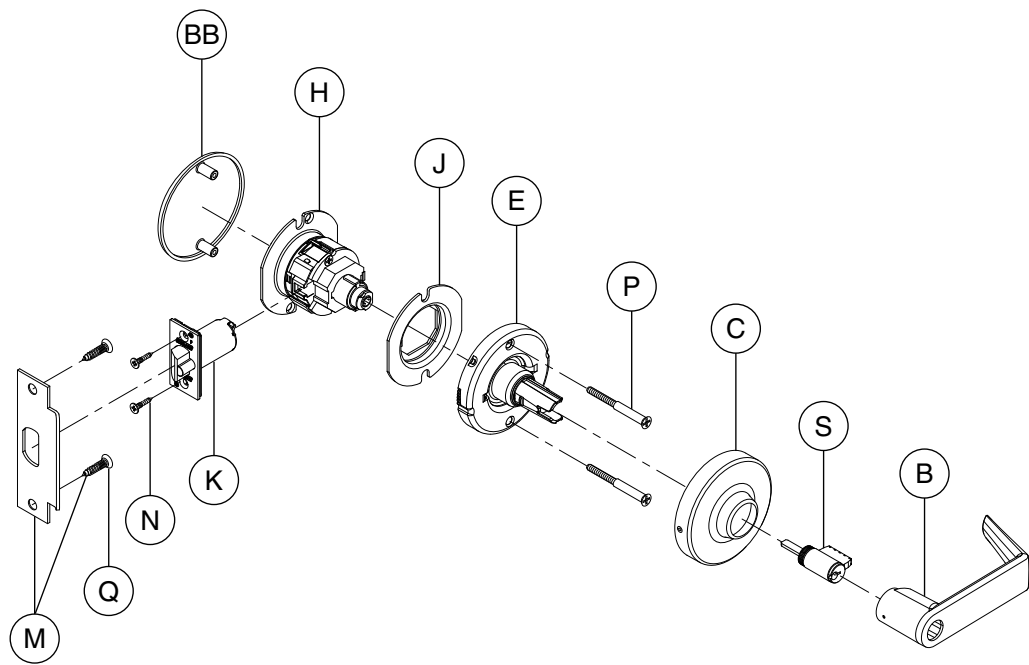
| Letter | Description | Part number |
|--------|-----------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| BB | Blank plate | N523-002 |

* Chassis part number is for reference only.
◇ Designates new parts or assemblies.

Special—classroom exit lock

ND25X70

ND25X70PD (shown), ND25X70RD ✓, ND25X70GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| B | Inside lever—open (cylinder) | 03-231 ✦ |
| C | Rose | 03-042 |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088213* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✦ |

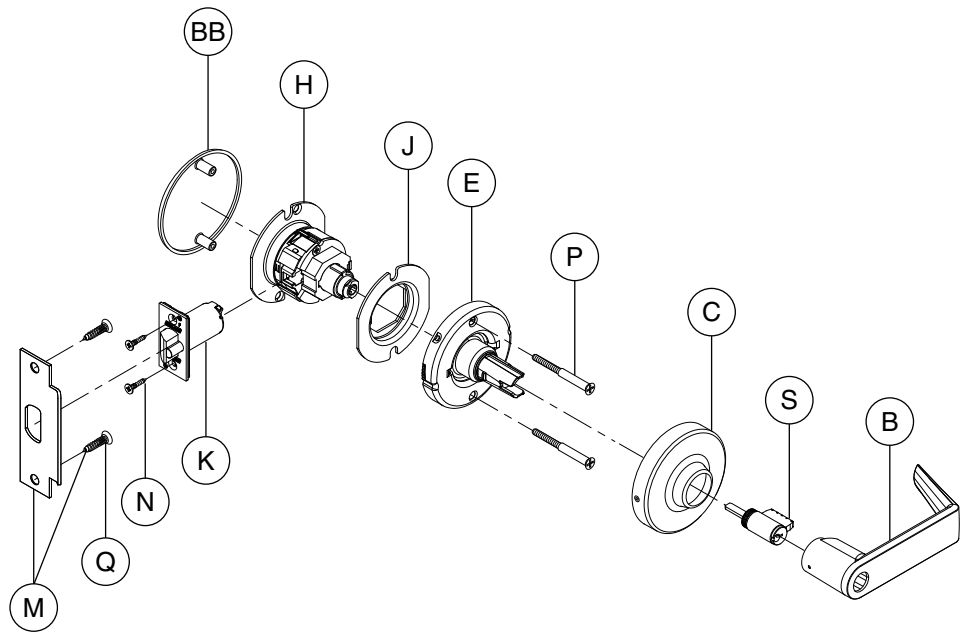
| Letter | Description | Part number |
|--------|-----------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| BB | Blank plate | N523-002 |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
* Chassis part number is for reference only.
✦ Designates new parts or assemblies.

Special—storeroom exit lock

ND25X80

ND25X80PD (shown), ND25X80RD ✓, ND25X80GD ✓



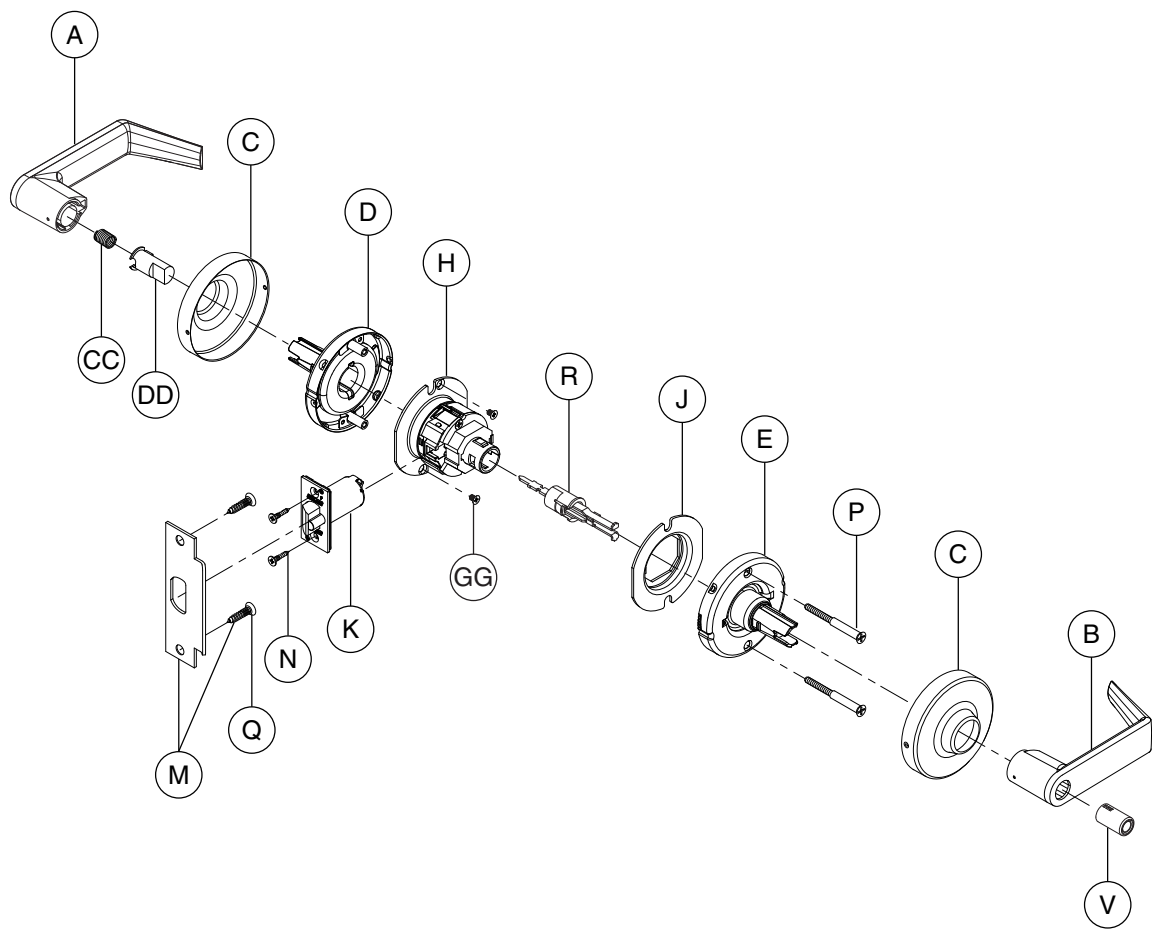
| Letter | Description | Part number |
|--------|---|-------------|
| B | Inside lever—open (cylinder) | 03-231 ✧ |
| C | Rose | 03-042 |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✧ |
| H | Chassis | 24088221* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✧ |

| Letter | Description | Part number |
|--------|-----------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screwsx | 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 page 98.
- * Chassis part number is for reference only.
- ✧ Designates new parts or assemblies.

Special—patio lock

ND30



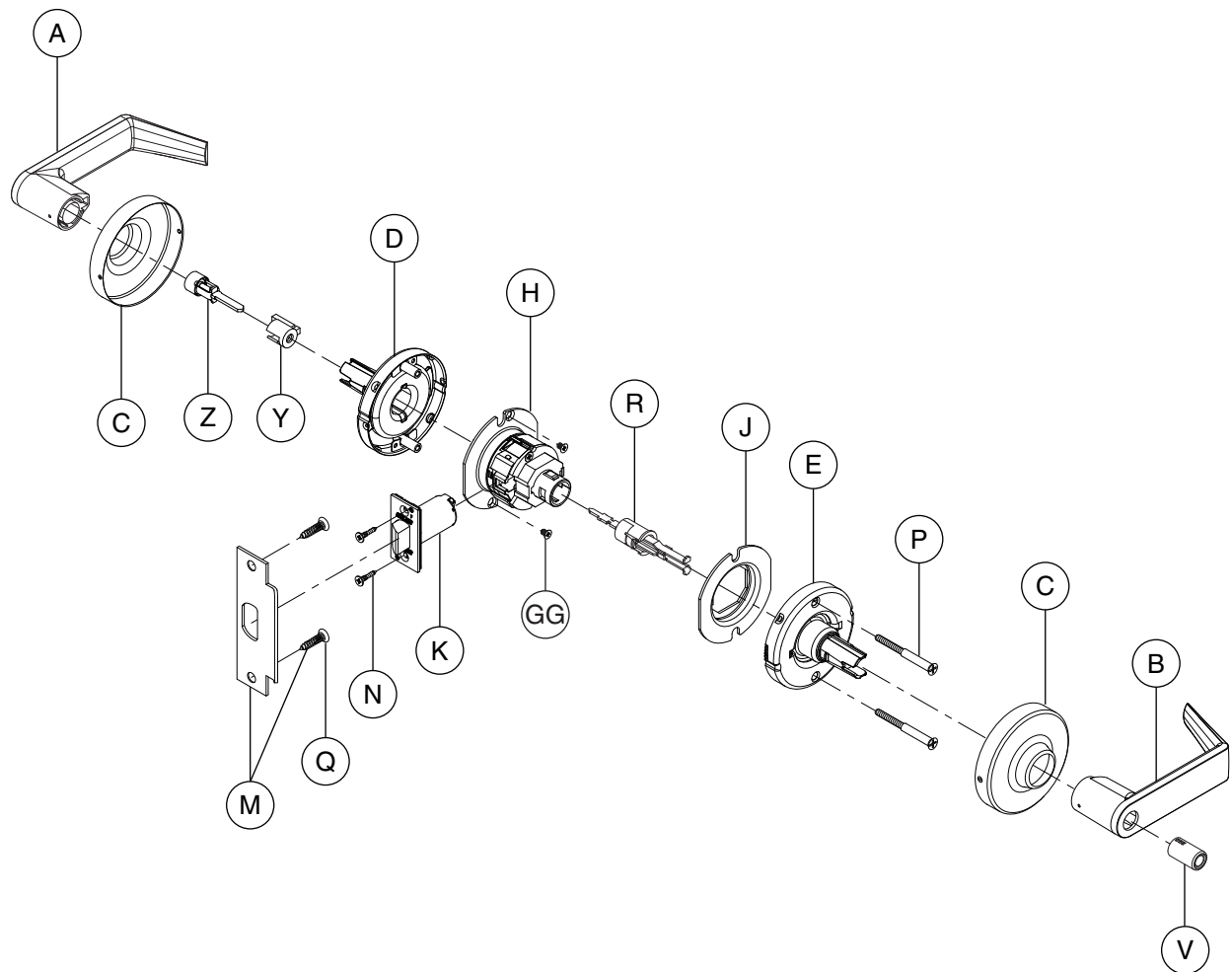
| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ◇ |
| B | Inside lever—open (button) | 03-233 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ◇ |
| E | Inside spring cage assembly—standard | N523-221 ◇ |
| H | Chassis | 24088304* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |

* Chassis part number is for reference only.
◇ Designates new parts or assemblies.

| Letter | Description | Part number |
|--------|------------------------------|-------------|
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| R | Plunger assembly—push button | N123-086 ◇ |
| V | Push button | N523-209 ◇ |
| CC | Spring, plunger | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ◇ |

Bath/bedroom privacy lock

ND40



| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (button) | 03-233 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ✧ |
| E | Inside spring cage assembly—standard | N523-221 ✧ |
| H | Chassis | 24088304* |
| J | Anti-rotation plate | N523-055 |
| K | Springlatch | 13-248 ✧ |
| M | Strike assembly | 10-025 |

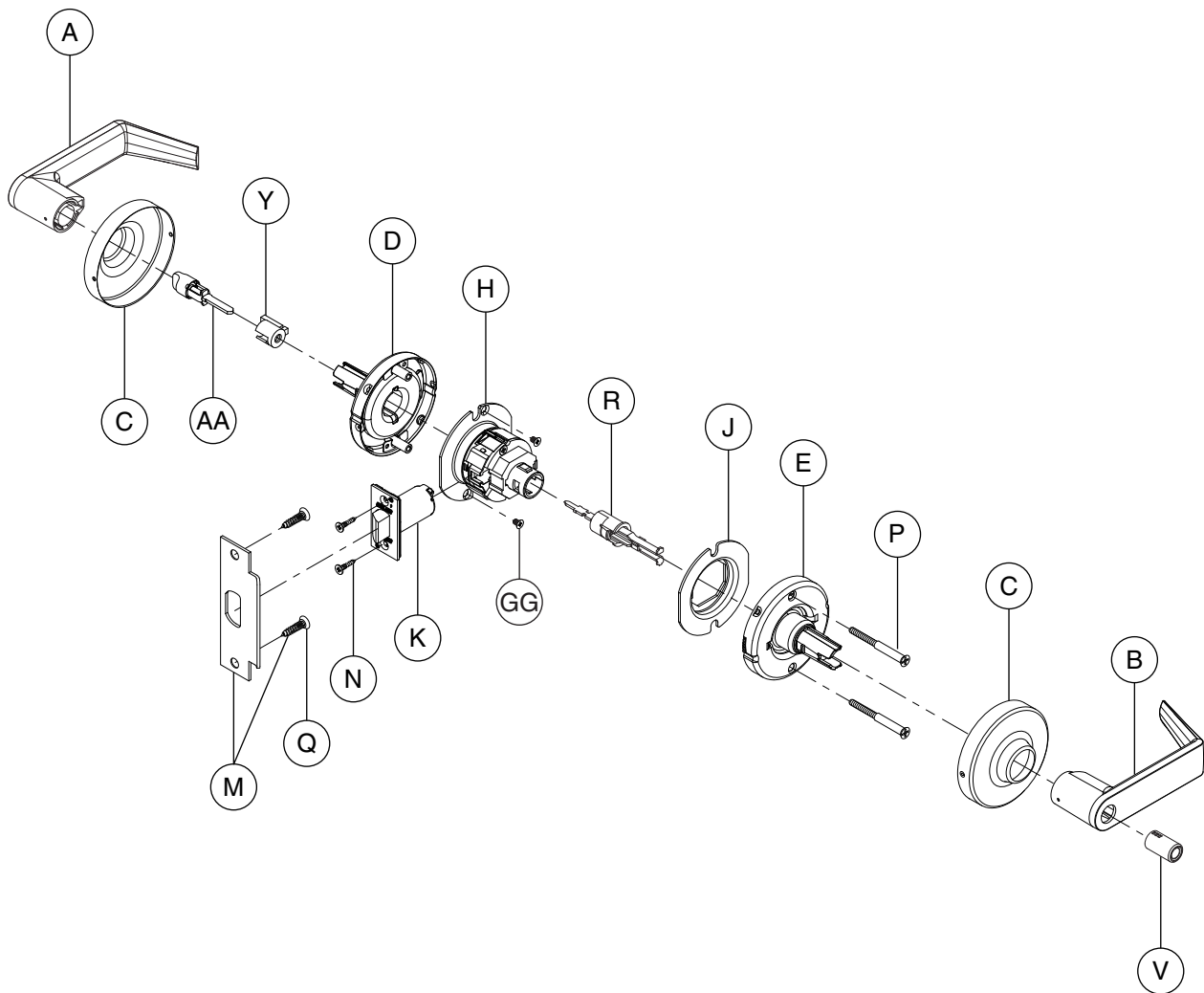
| Letter | Description | Part number |
|--------|------------------------------|-------------|
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| R | Plunger assembly—push button | N123-086 ✧ |
| V | Push button | N523-209 ✧ |
| Y | Emergency cylinder | N523-020 |
| Z | Emergency button and plunger | N123-034 |
| GG | Adjustment plate screws | N523-240 ✧ |

* Chassis part number is for reference only.

✧ Designates new parts or assemblies.

Hospital privacy lock

ND44



| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (button) | 03-233 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ✧ |
| E | Inside spring cage assembly—standard | N523-221 ✧ |
| H | Chassis | 24088304* |
| J | Anti-rotation plate | N523-055 |
| K | Springlatch | 13-248 ✧ |
| M | Strike assembly | 10-025 |

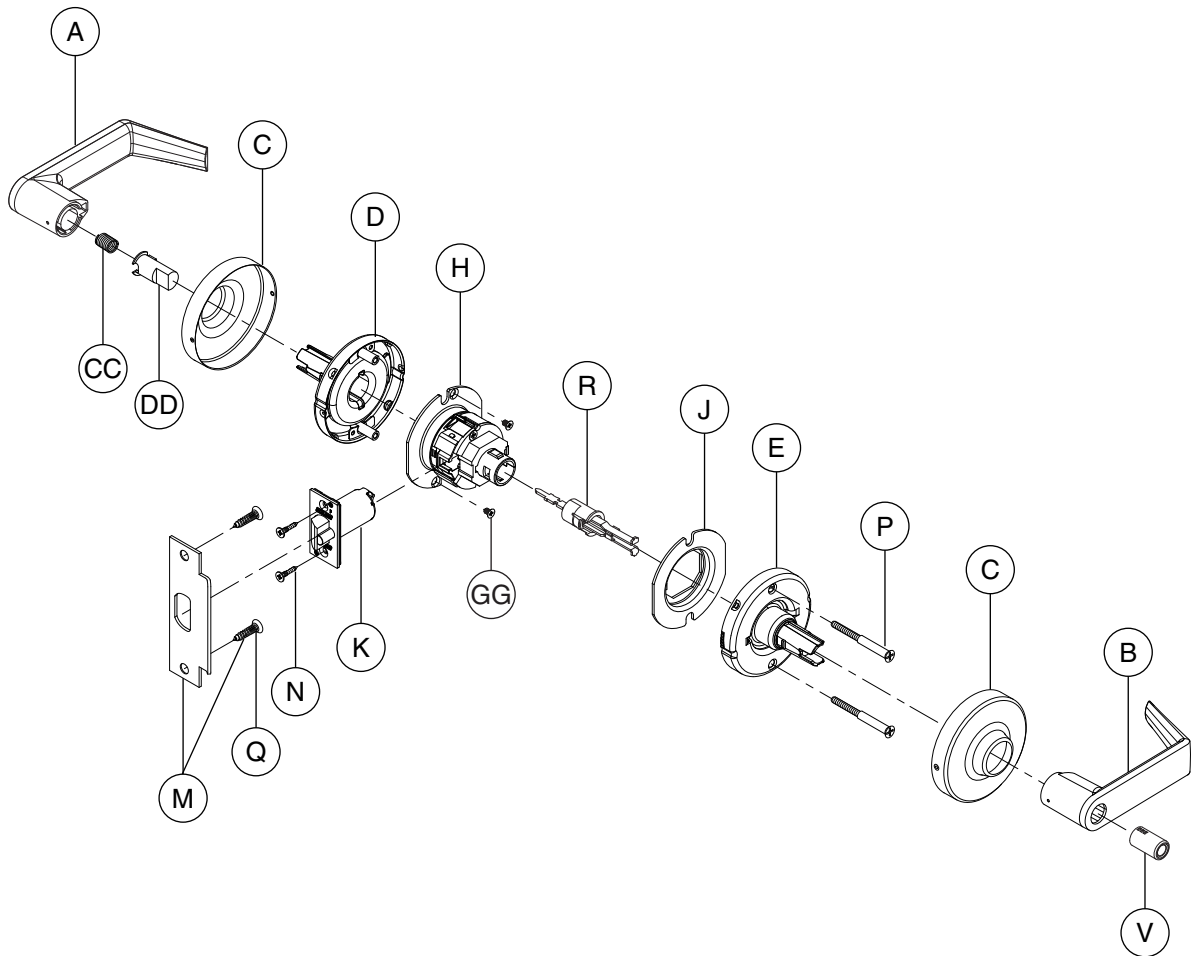
* Chassis part number is for reference only.

✧ Designates new parts or assemblies.

| Letter | Description | Part number |
|--------|-----------------------------------|-------------|
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| R | Plunger assembly—push button | N123-086 ✧ |
| V | Push button | N523-209 ✧ |
| Y | Emergency cylinder | N523-020 |
| AA | Emergency turn button and plunger | N123-035 |
| GG | Adjustment plate screws | N523-240 ✧ |

Time out lock with Vandlgard®

ND45



| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—closed | 03-230 ◇ |
| B | Inside lever—open (button) | 03-233 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ◇ |
| E | Inside spring cage assembly—standard | N523-221 ◇ |
| H | Chassis | 24210718* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |

| Letter | Description | Part number |
|--------|------------------------------|-------------|
| N | Latch screws | C603-897 |
| P | Mounting screws | N523-021 |
| Q | Strike screws | C603-256 |
| R | Plunger assembly—push button | N123-086 ◇ |
| V | Push button | N523-209 ◇ |
| CC | Spring, plunger | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ◇ |

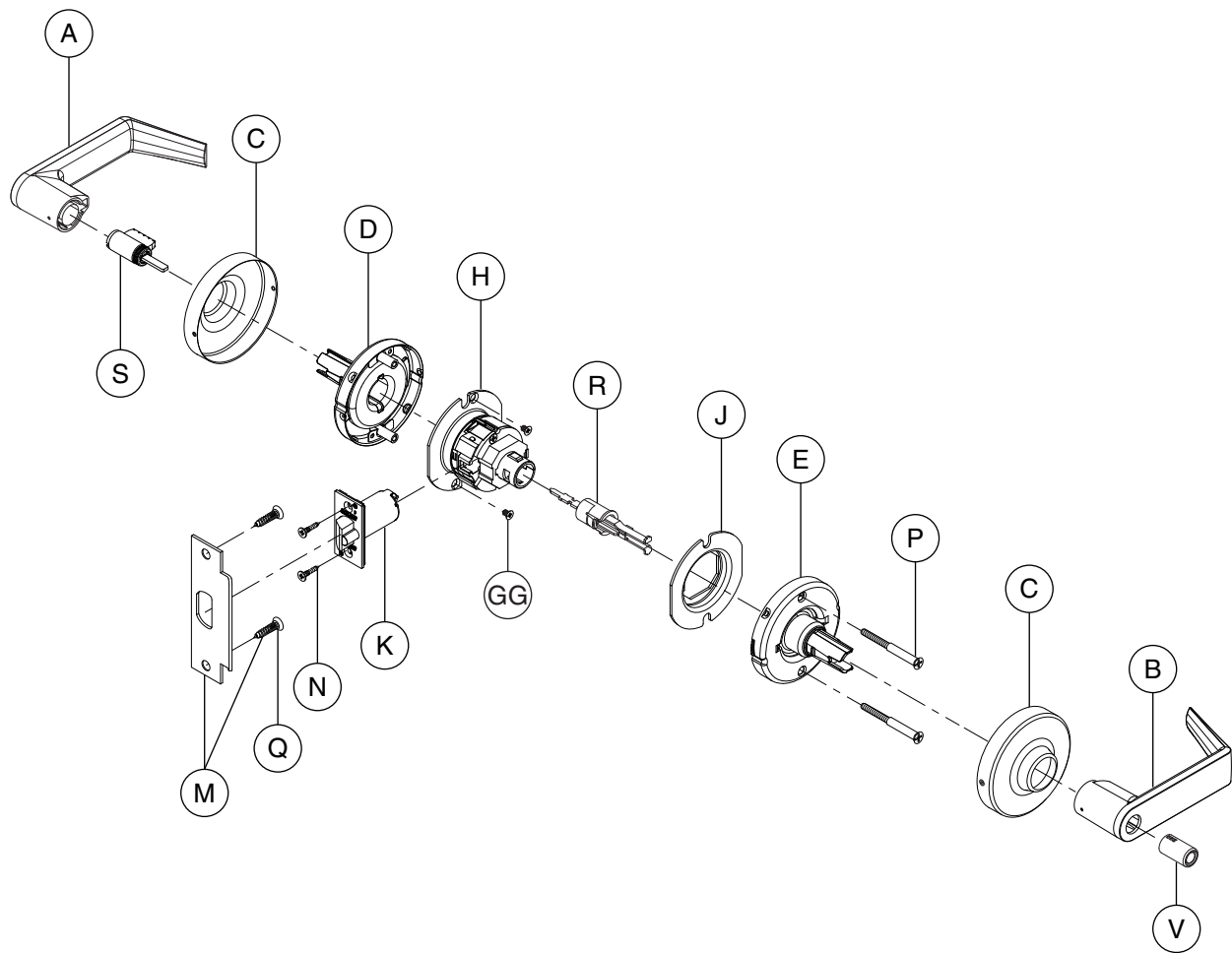
* Chassis part number is for reference only.

◇ Designates new parts or assemblies.

Entrance/office lock

ND50

ND50PD (shown), ND50RD ✓, ND50GD ✓



| Letter | Description | Part number |
|--------|---------------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (button) | 03-233 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage assembly—standard | N523-218 ✦ |
| E | Inside spring cage assembly—standard | N523-221 ✦ |
| H | Chassis | 24088247* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✦ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-086 ✦ |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-209 ✦ |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

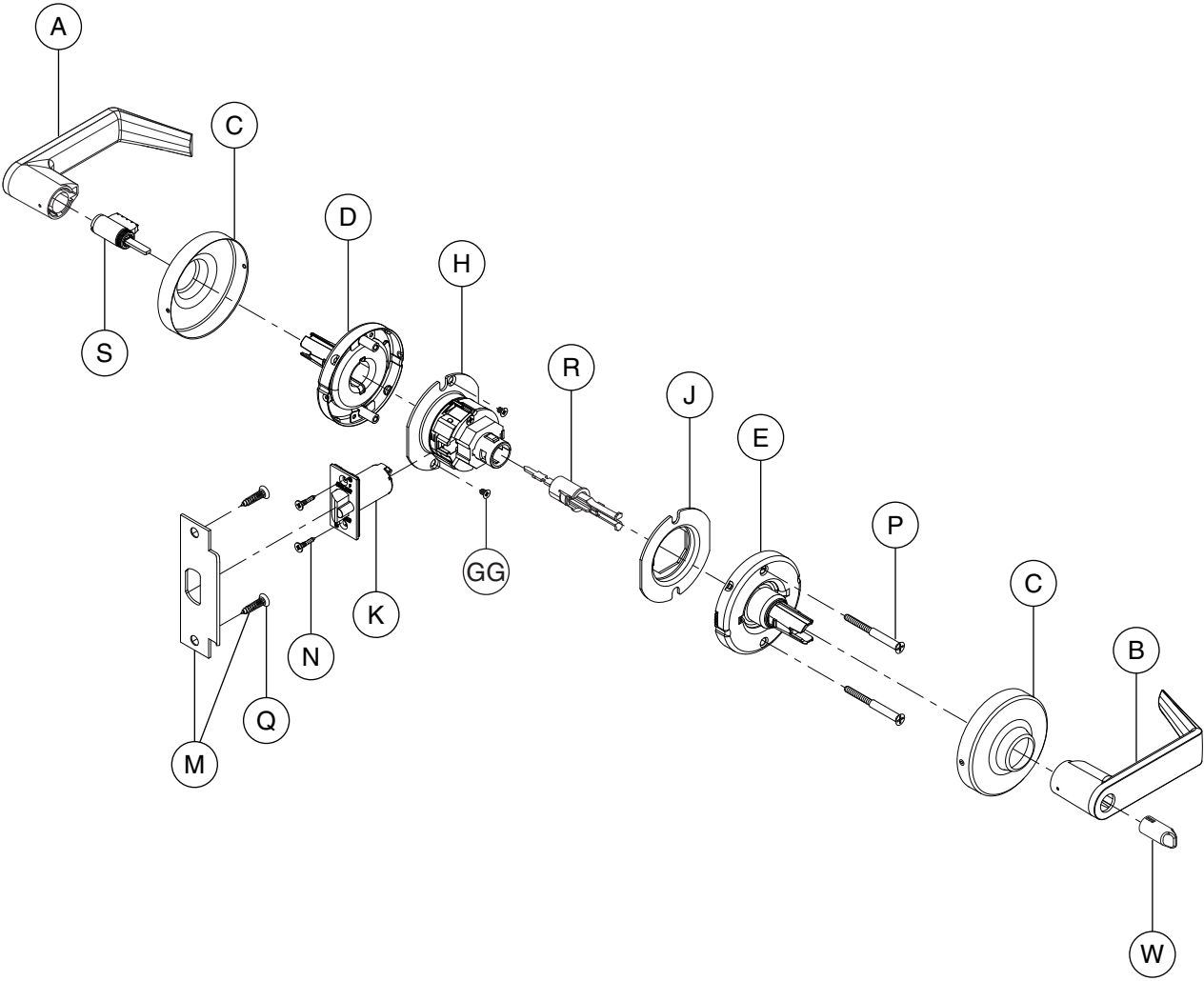
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Entrance/office lock

ND53

ND53PD (shown), ND53RD ✓, ND53GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (button) | 03-233 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—standard | N523-221 ✧ |
| H | Chassis | 24088247* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✧ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push and turn | N123-085 ✧ |
| S | Cylinder—6-pin | 23-065 |
| W | Push and turn button | N523-210 ✧ |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

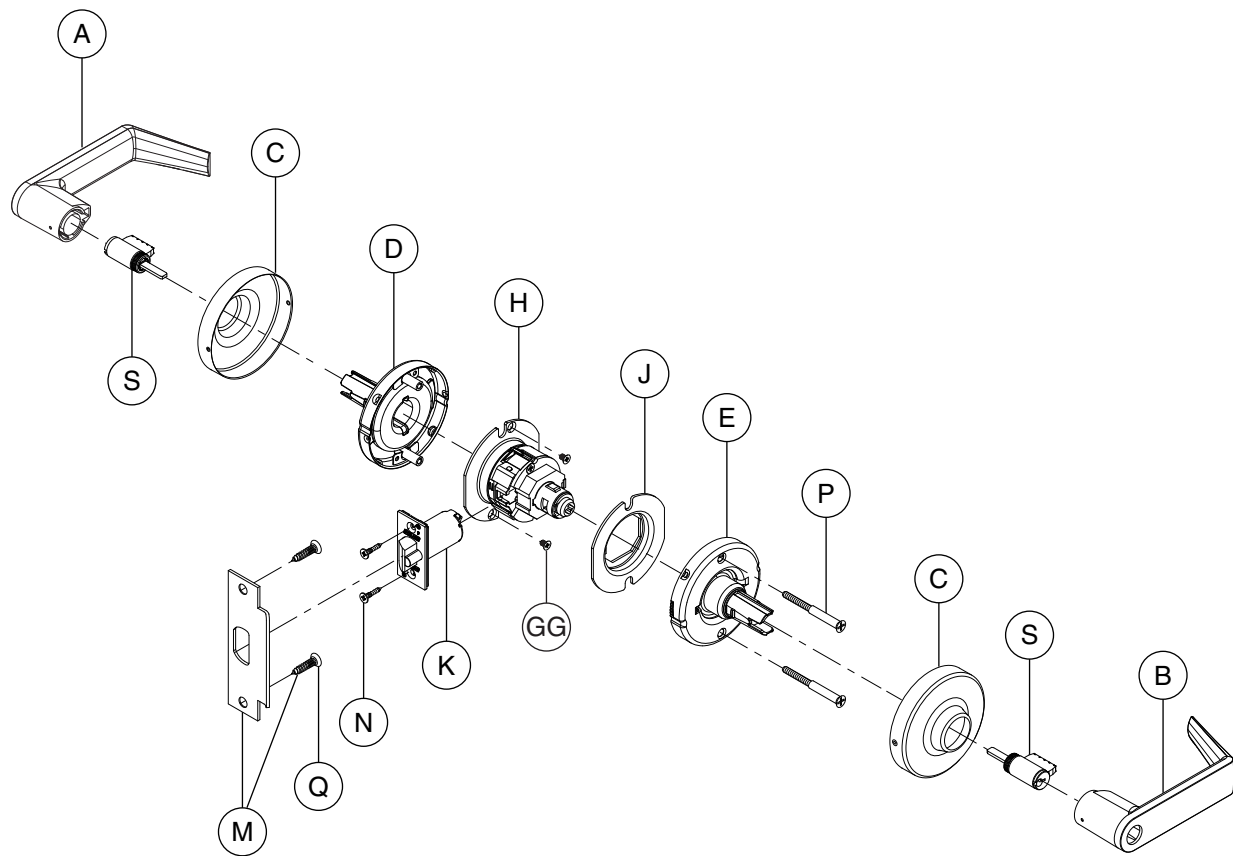
* Chassis part number is for reference only.

✧ Designates new parts or assemblies.

Vestibule lock

ND60

ND60PD (shown), ND60RD ✓, ND60GD ✓



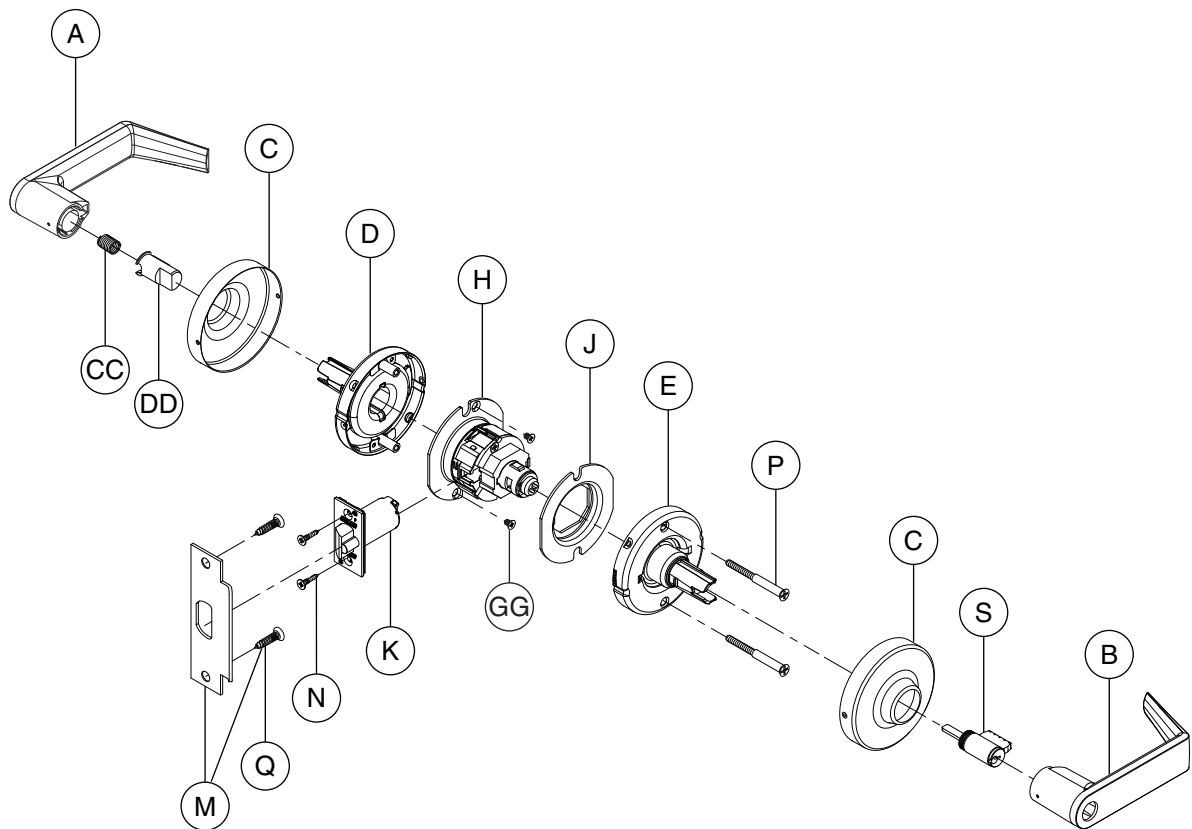
| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (cylinder) | 03-231 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088320* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

- ✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
- * Chassis part number is for reference only.
- ✦ Designates new parts or assemblies.

Special—ND60 with closed outside lever

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



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—closed | 03-230 ✦ |
| B | Inside lever—open (cylinder) | 03-231 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088320* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✦ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| CC | Spring | C503-331 |
| DD | Catch stop | N523-041 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

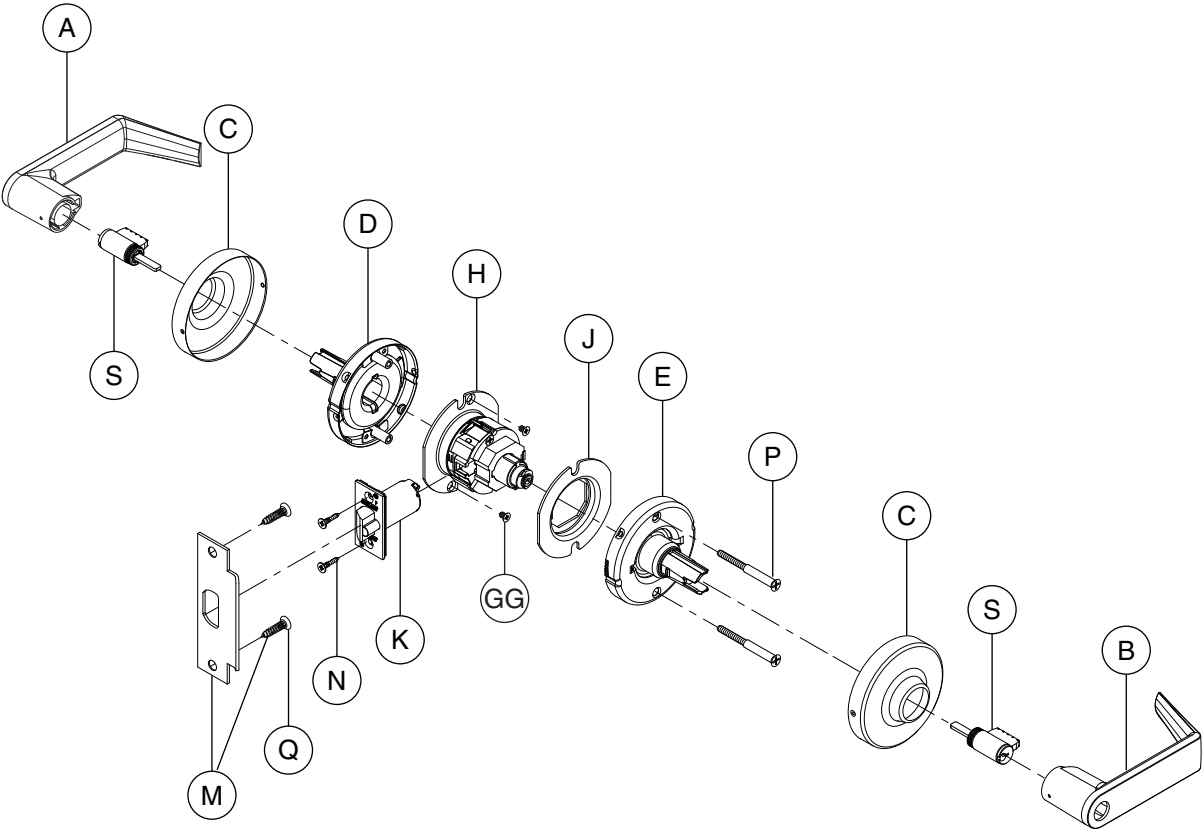
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Store lock

ND66

ND66PD (shown), ND66RD ✓, ND66GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (cylinder) | 03-231 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088338* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

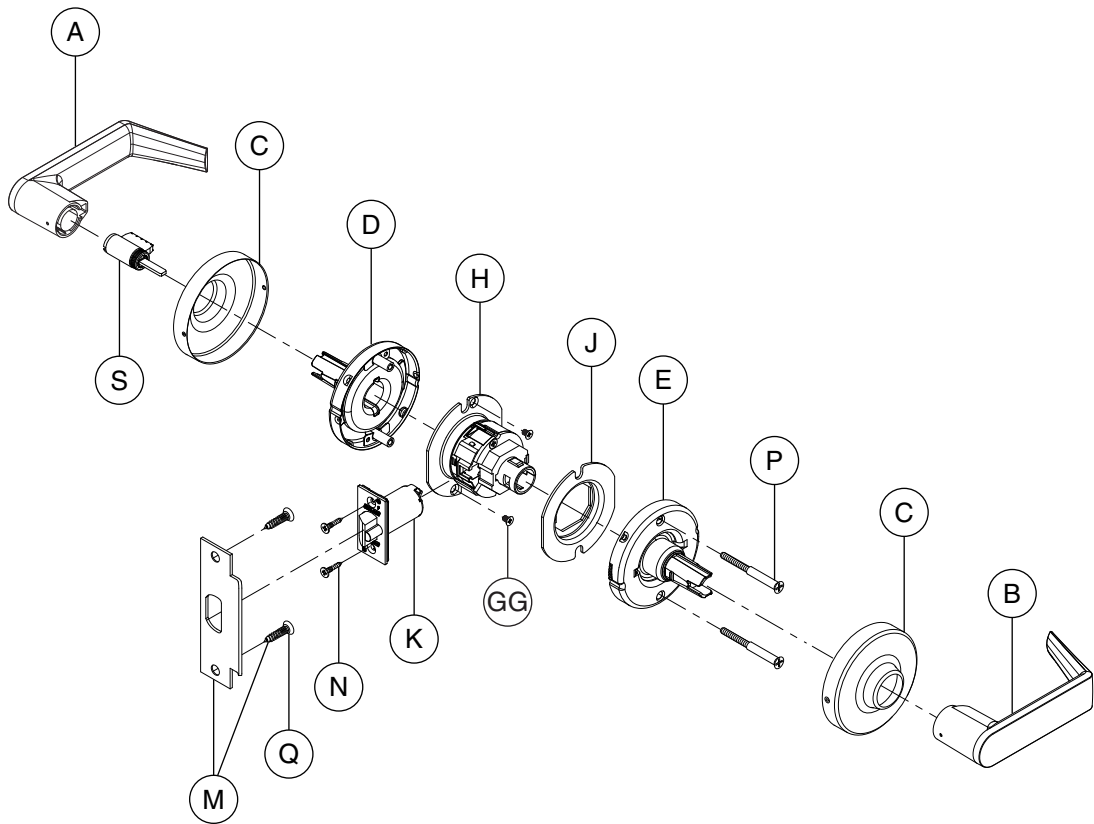
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Classroom lock

ND70

ND70PD (shown), ND70RD ✓, ND70GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—closed | 03-230 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis | 24088346* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

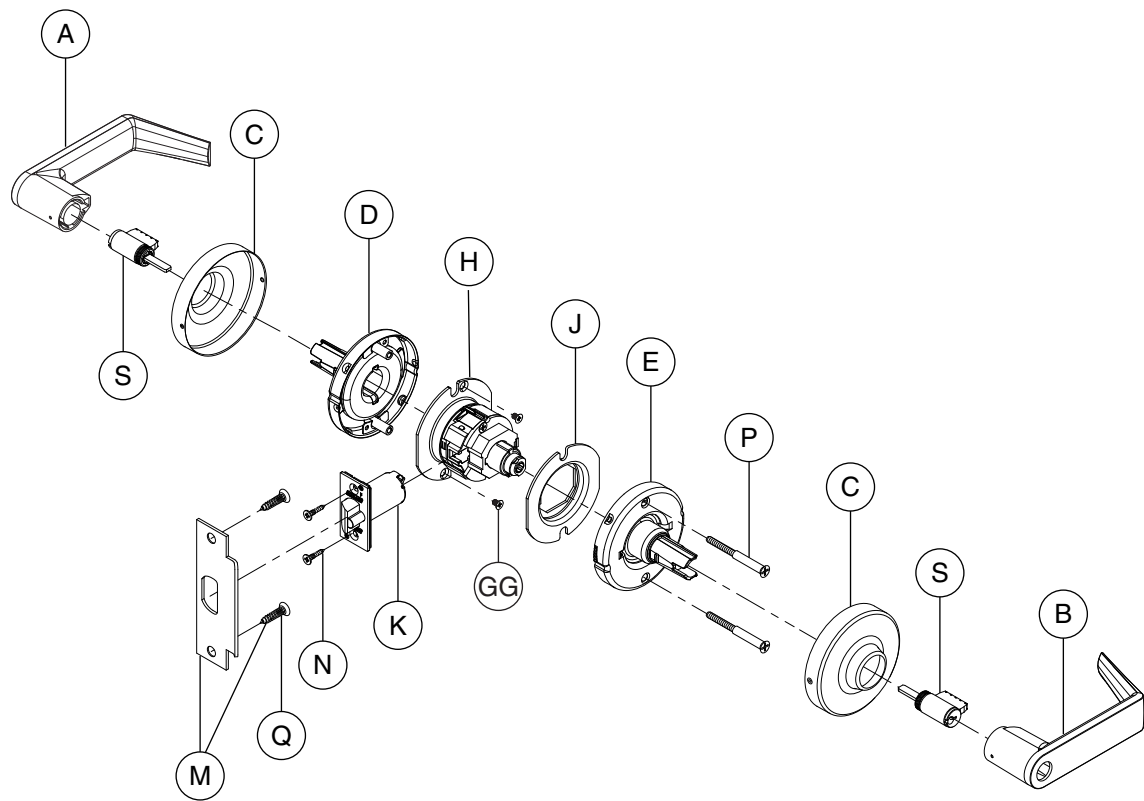
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Special—classroom by storeroom lock

ND70X80

ND70X80PD (shown), NDX80RD ✓, ND70X80GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (cylinder) | 03-231 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✧ |
| H | Chassis | 24088239* |
| J | Anti-rotation plate | N523-055 |

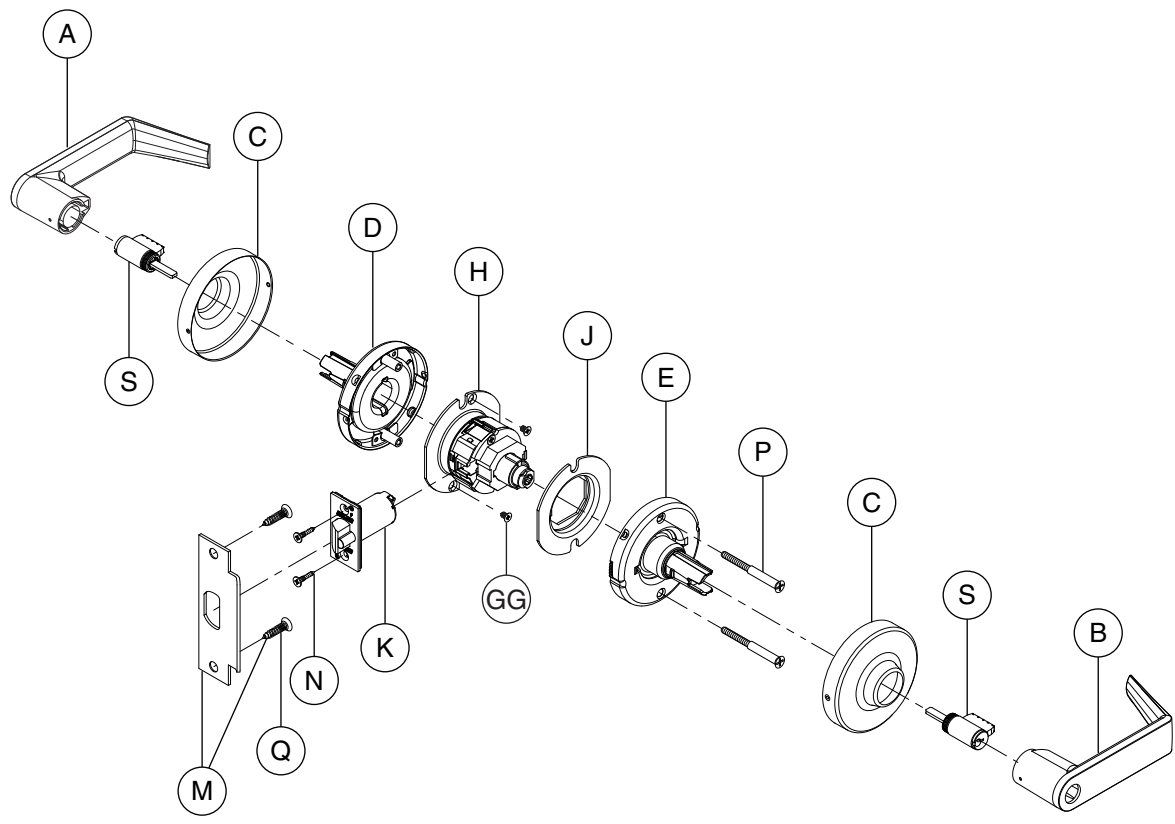
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
* Chassis part number is for reference only.
✧ Designates new parts or assemblies.

Special—communicating lock

ND72

ND72PD (shown), ND72RD ✓, ND72GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (cylinder) | 03-231 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✧ |
| H | Chassis | 24088197* |
| J | Anti-rotation plate | N523-055 |

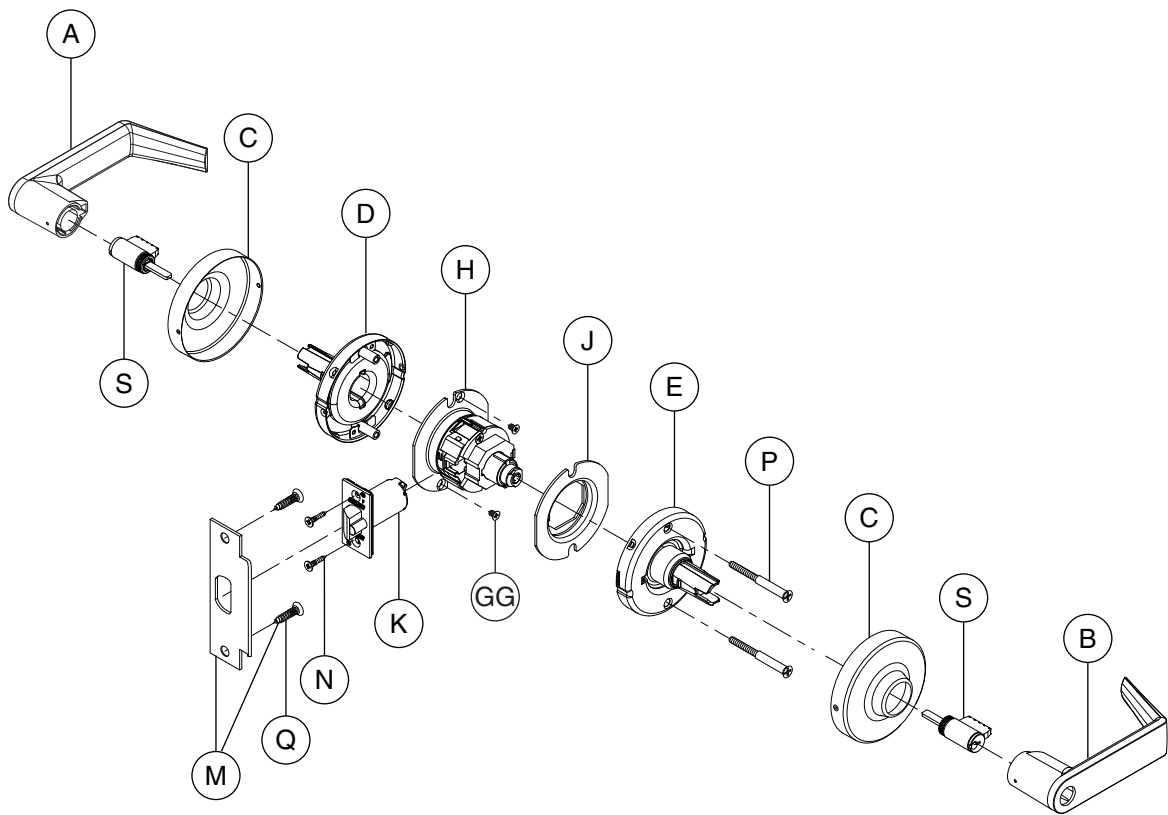
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
* Chassis part number is for reference only.
✧ Designates new parts or assemblies.

Special—communicating lock with Vandlgard®

ND72 Vandlgard®

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



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ◇ |
| B | Inside lever—open (cylinder) | 03-231 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ◇ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ◇ |
| H | Chassis | 24088205* |
| J | Anti-rotation plate | N523-055 |

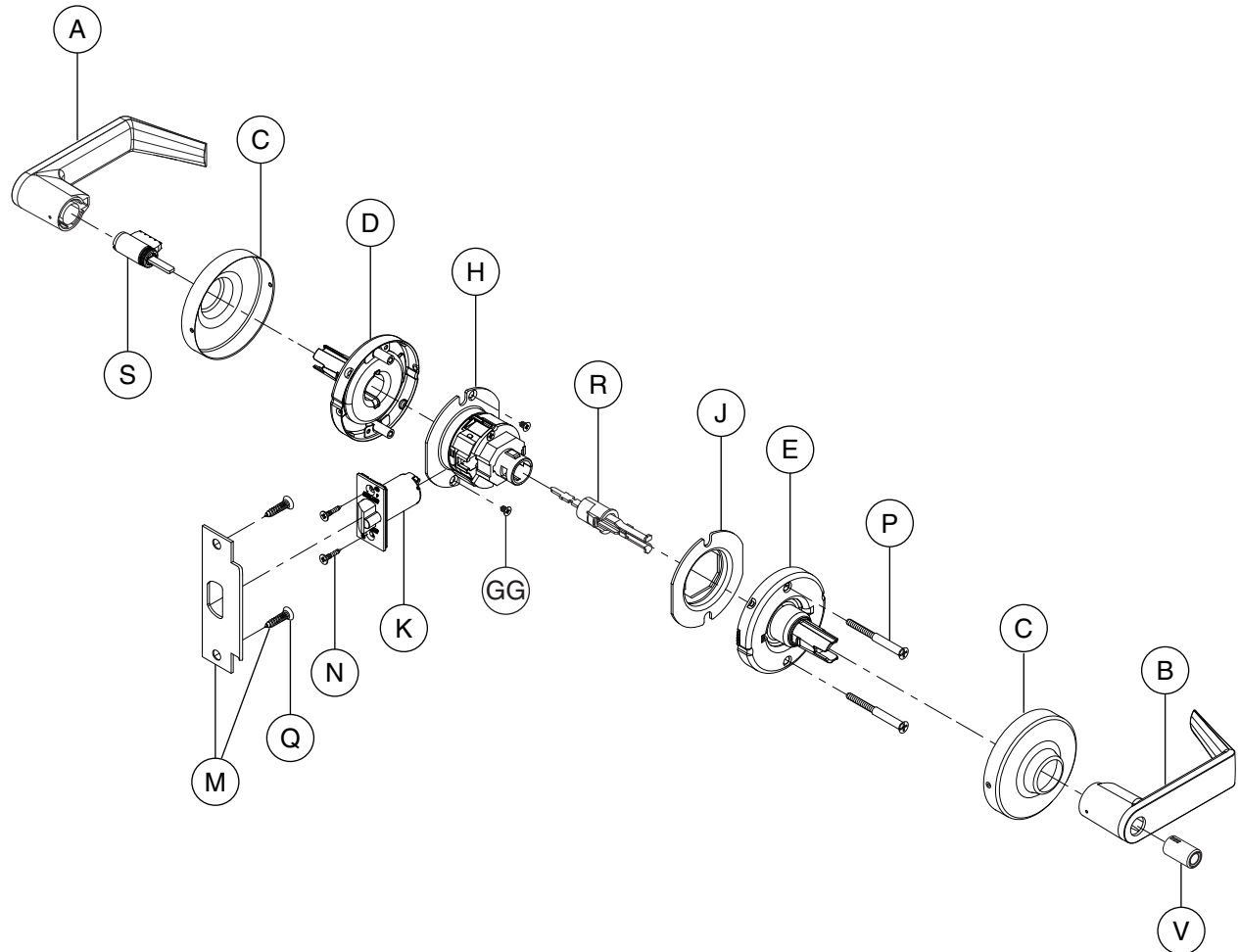
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ◇ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
* Chassis part number is for reference only.
◇ Designates new parts or assemblies.

Corridor lock

ND73

ND73PD (shown), ND73RD ✓, ND73GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (button) | 03-233 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis | 24088353* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✦ |

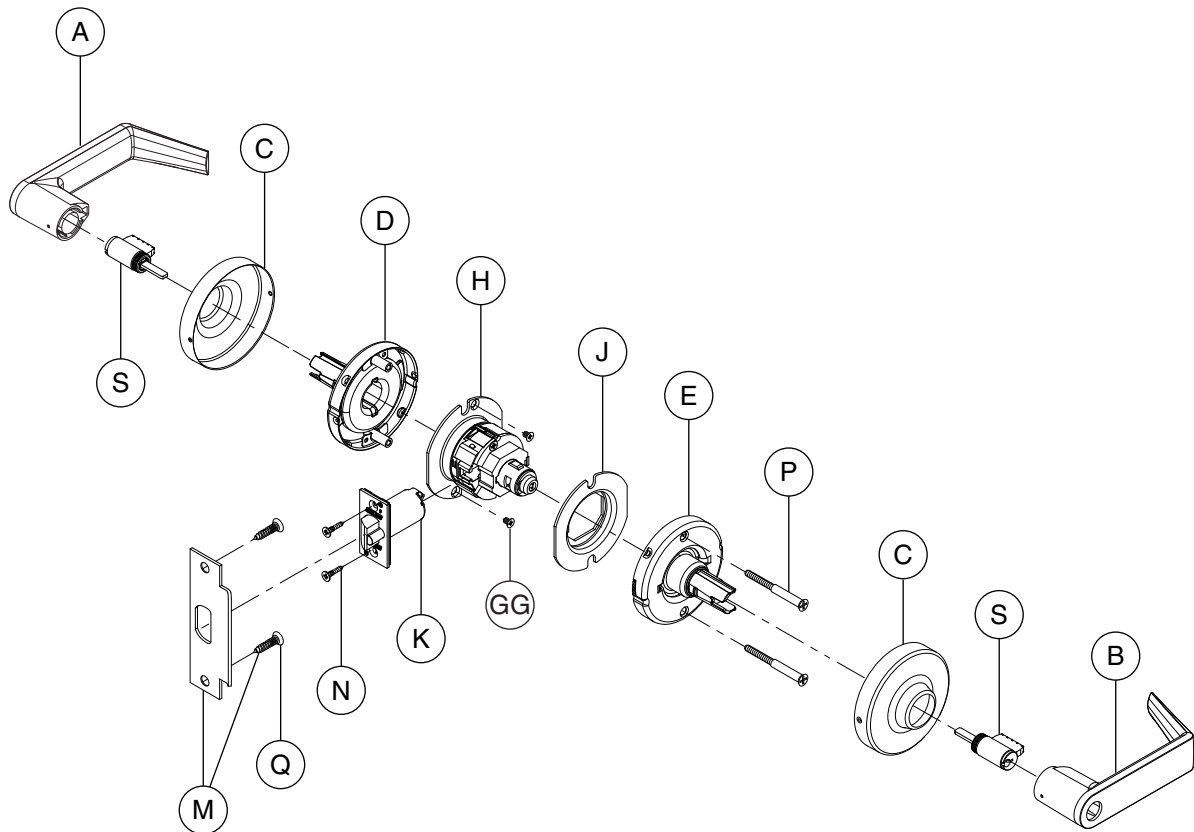
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-086 ✦ |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-209 ✦ |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
* Chassis part number is for reference only.
✦ Designates new parts or assemblies.

Classroom security lock

ND75

ND75PD (shown), ND75RD ✓, ND75GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (cylinder) | 03-231 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088163* |
| J | Anti-rotation plate | N523-055 |

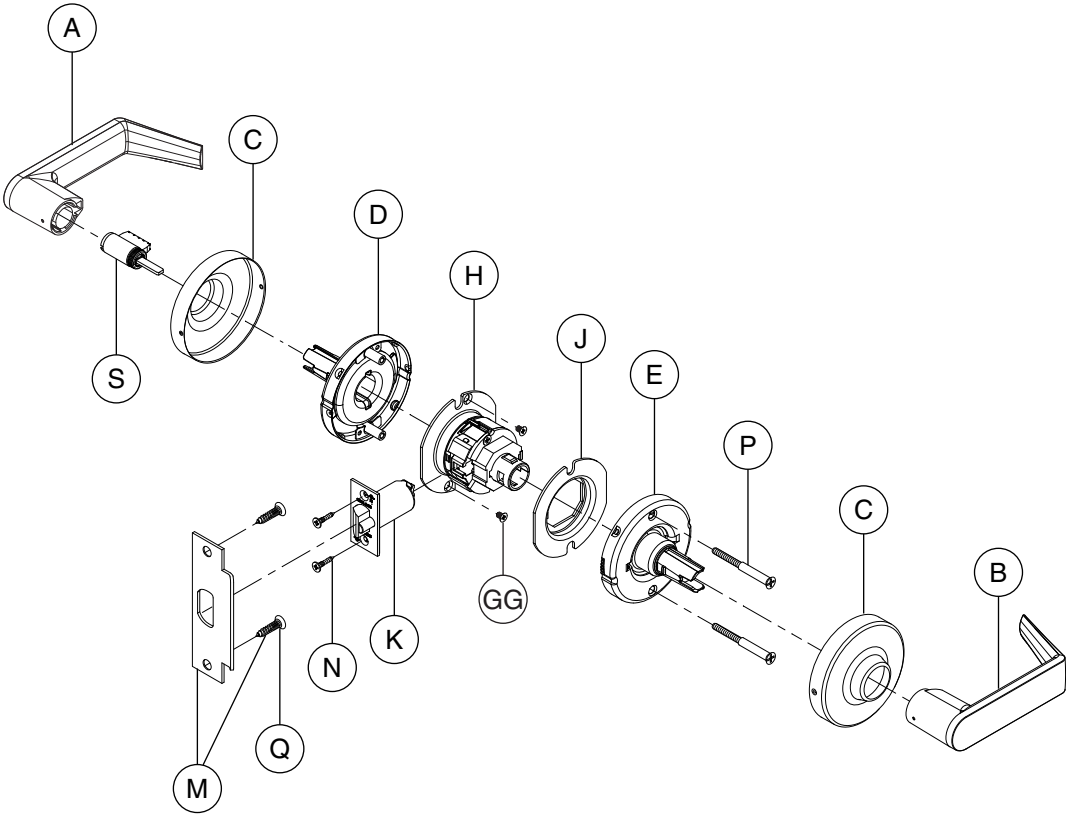
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.
* Chassis part number is for reference only.
✦ Designates new parts or assemblies.

Storeroom lock

ND80

ND80PD (shown), ND80RD ✓, ND80GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—closed | 03-230 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis | 24088262* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

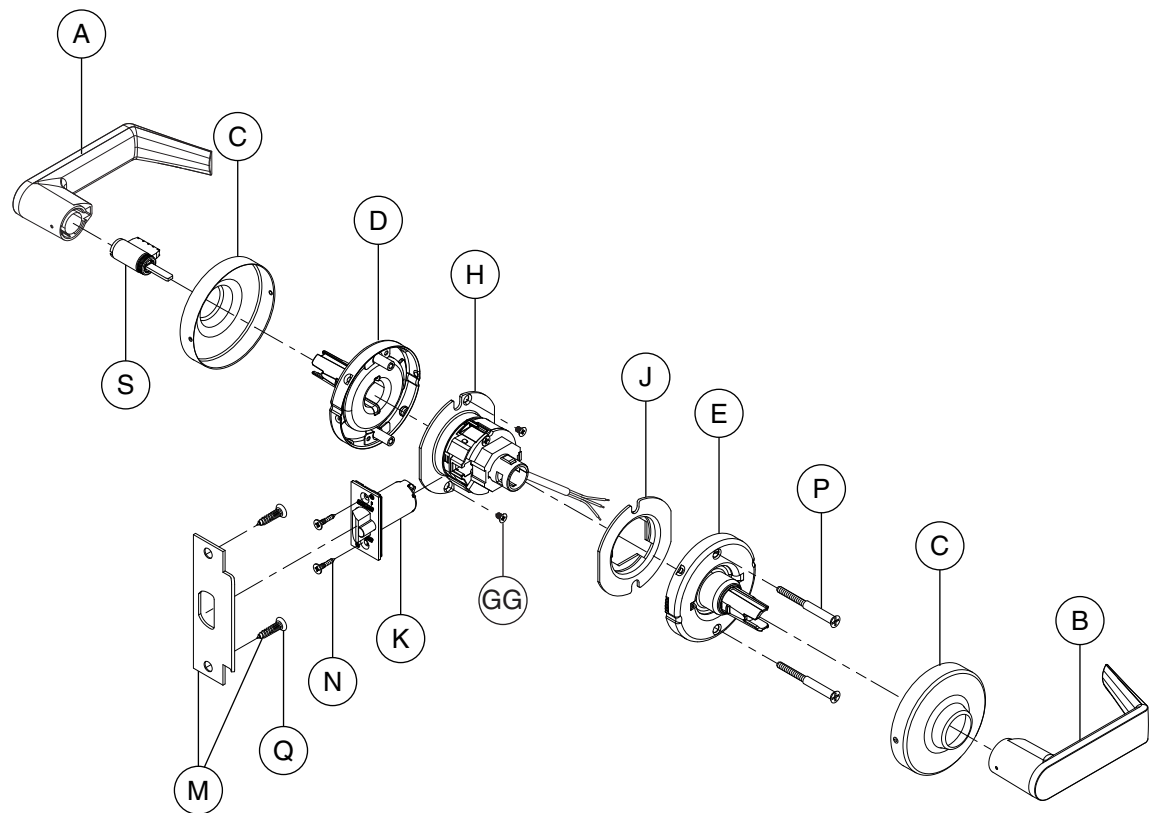
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Storeroom lock with request-to-exit

ND80 RX**

ND80PD RX (shown), ND80RD RX ✓, ND80GD RX ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ◇ |
| E | Inside spring cage—standard | N123-221 ◇ |
| H | Chassis | 24088437* |
| J | Anti-rotation plate | N523-131 |

| Letter | Description | Part number |
|--------|------------------|-------------|
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate | N523-240 ◇ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) inside trim configurations, see page 98.

* Chassis part number is for reference only.

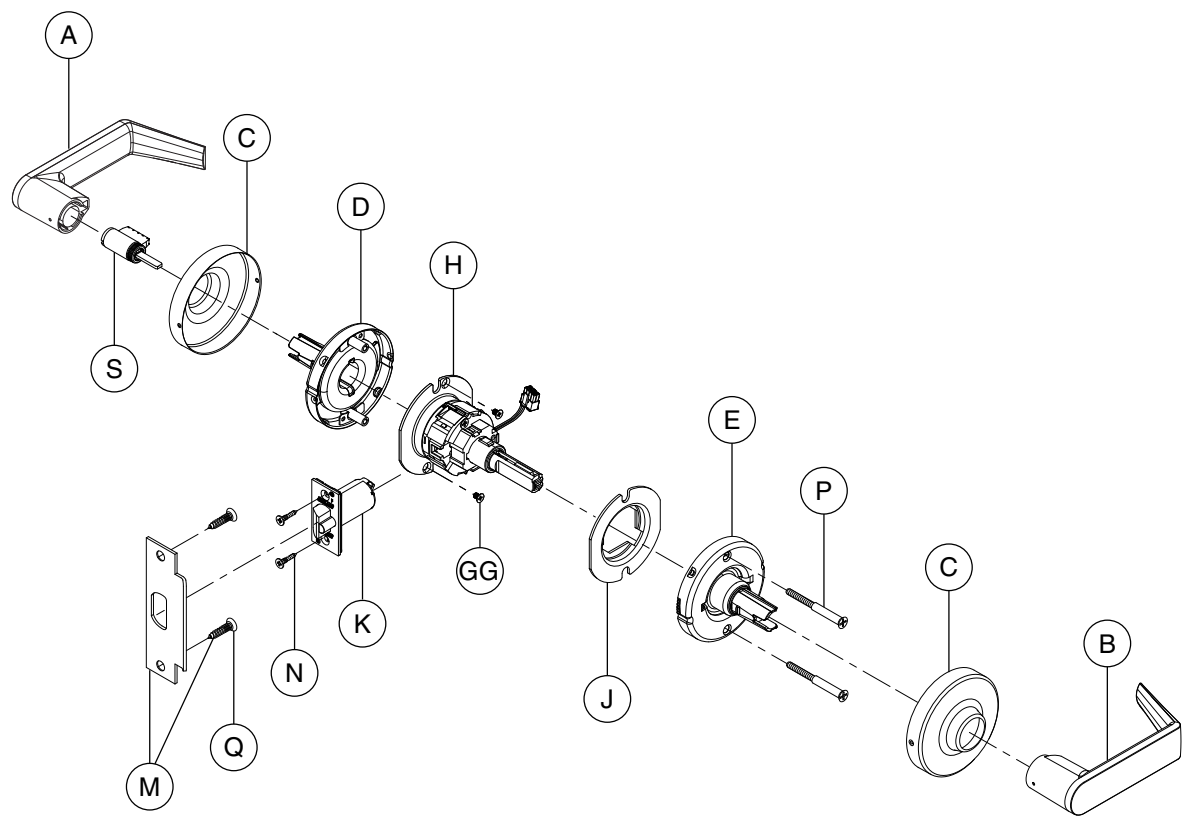
** For RX details, see **Request-to-exit feature** on page 106.

◇ Designates new parts or assemblies.

Storeroom lock— electrically locked (fail safe) or electrically unlocked (fail secure)

ND80EL or ND80EU**

ND80EL/ND80EUPD (shown), ND80EL/ND80EU/RD ✓, ND80EL/ND80EUGD ✓



| Letter | Description | Part number |
|--------|--------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ◇ |
| E | Inside spring cage—standard | N523-221 ◇ |
| H | Chassis, electrically locked | 63-180*◇ |
| | Chassis, electrically unlocked | 63-181*◇ |
| J | Anti-rotation plate | N523-055 |

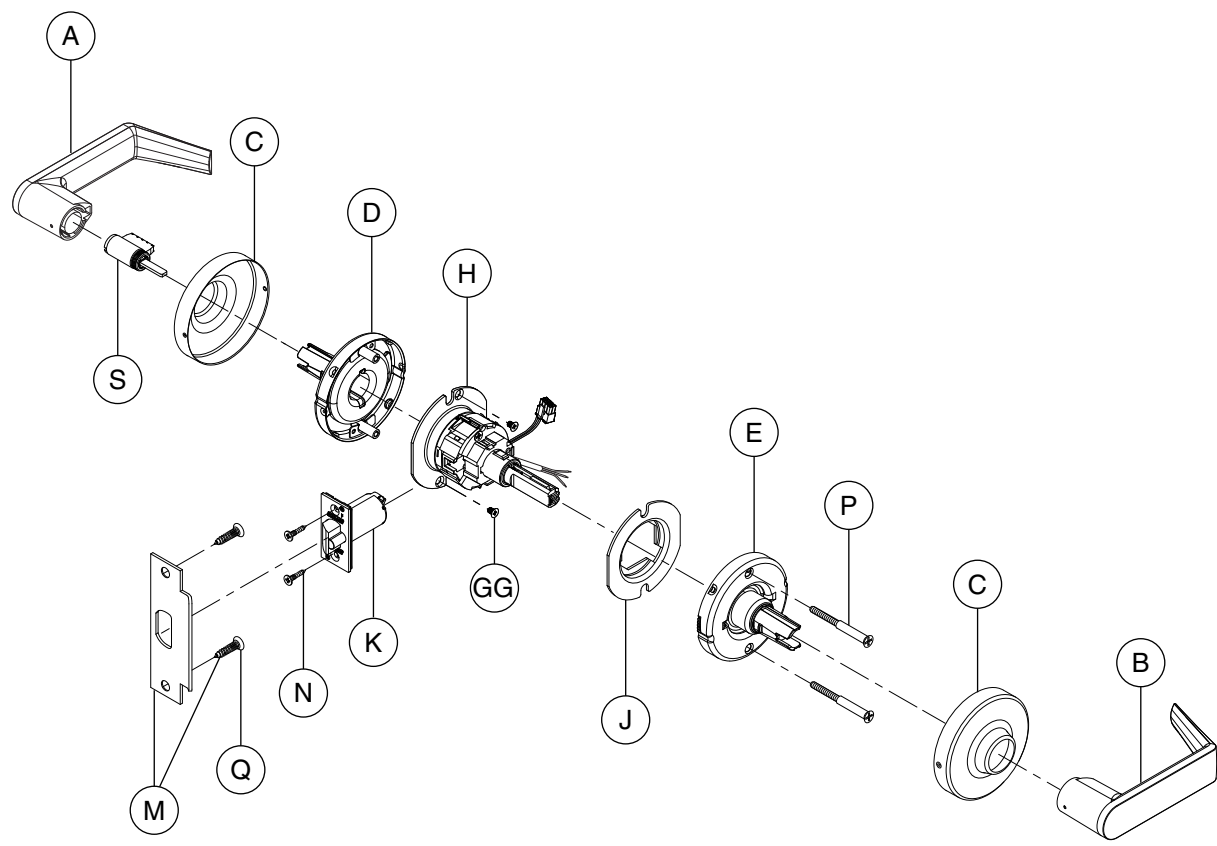
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ◇ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
* Chassis part number is for reference only.
** For electrified lock details, see **Electrified locks** on page 105.
◇ Designates new parts or assemblies.

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

ND80EL RX or ND80EU RX**

ND80EL/ND80EUPD RX (shown), ND80EL/ND80EURD RX ✓, ND80EL/ND80EUGD RX ✓



| Letter | Description | Part number |
|--------|--------------------------------|-------------|
| A | Outside Lever—open (cylinder) | 03-231 ✧ |
| B | Inside Lever—closed | 03-230 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—standard | N523-221 ✧ |
| H | Chassis, electrically locked | 63-184* ✧ |
| | Chassis, electrically unlocked | 63-185* ✧ |
| J | Anti-rotation plate | N523-131 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.

* Chassis part number is for reference only.

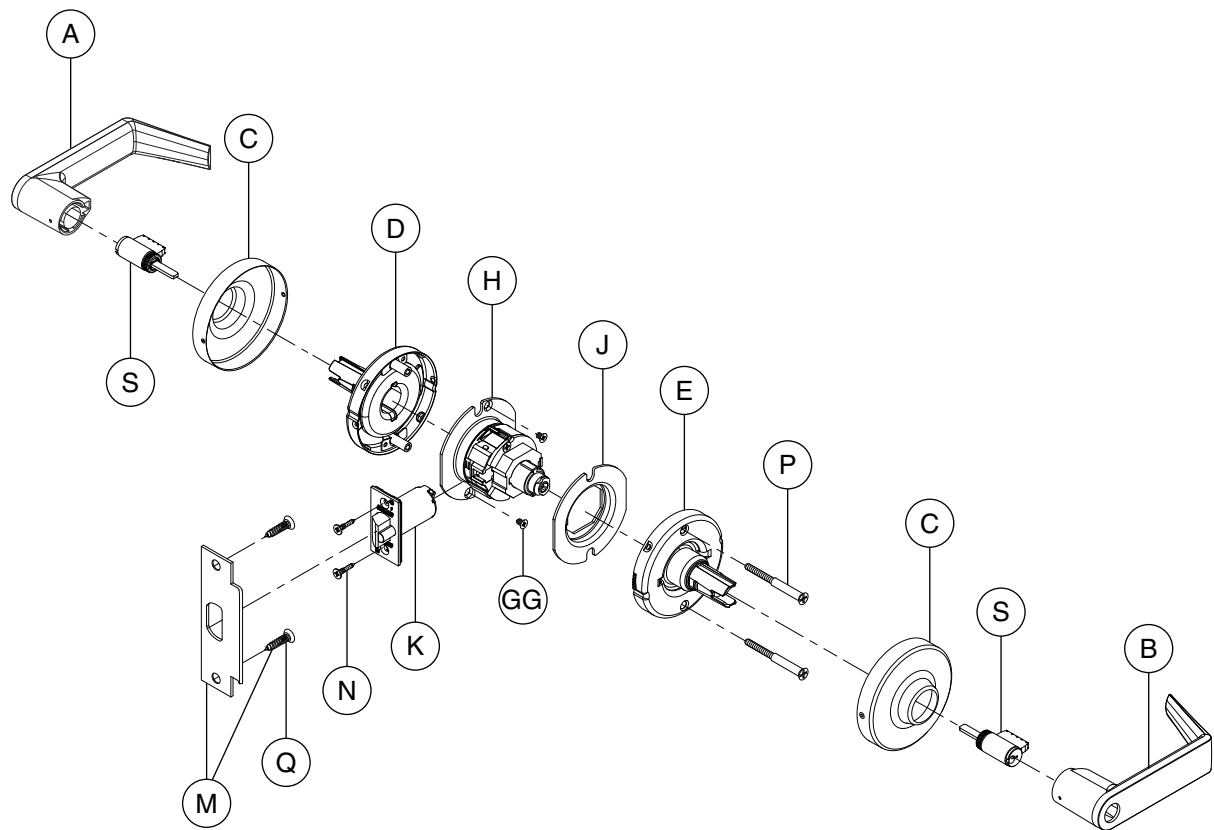
** For electrified lock details, see **Electrified locks** on page 105. For RX details, see **Request-to-exit feature** on page 106.

✧ Designates new parts or assemblies.

Institution lock

ND82

ND82PD (shown), ND82RD ✓, ND82GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (cylinder) | 03-231 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088361* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6 pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.

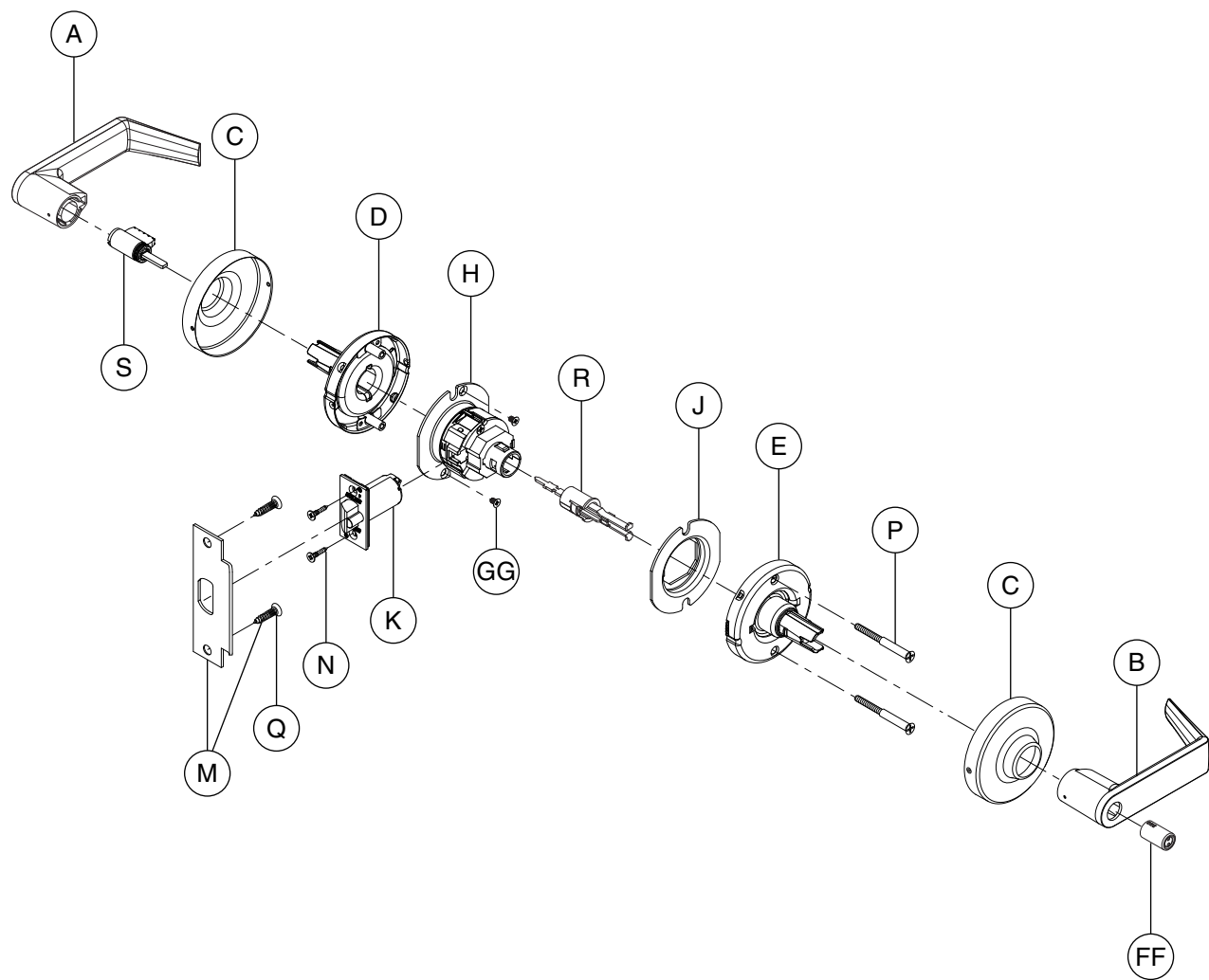
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Faculty restroom lock

ND85

ND85PD



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (button) | 03-233 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis | 24088411* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✦ |

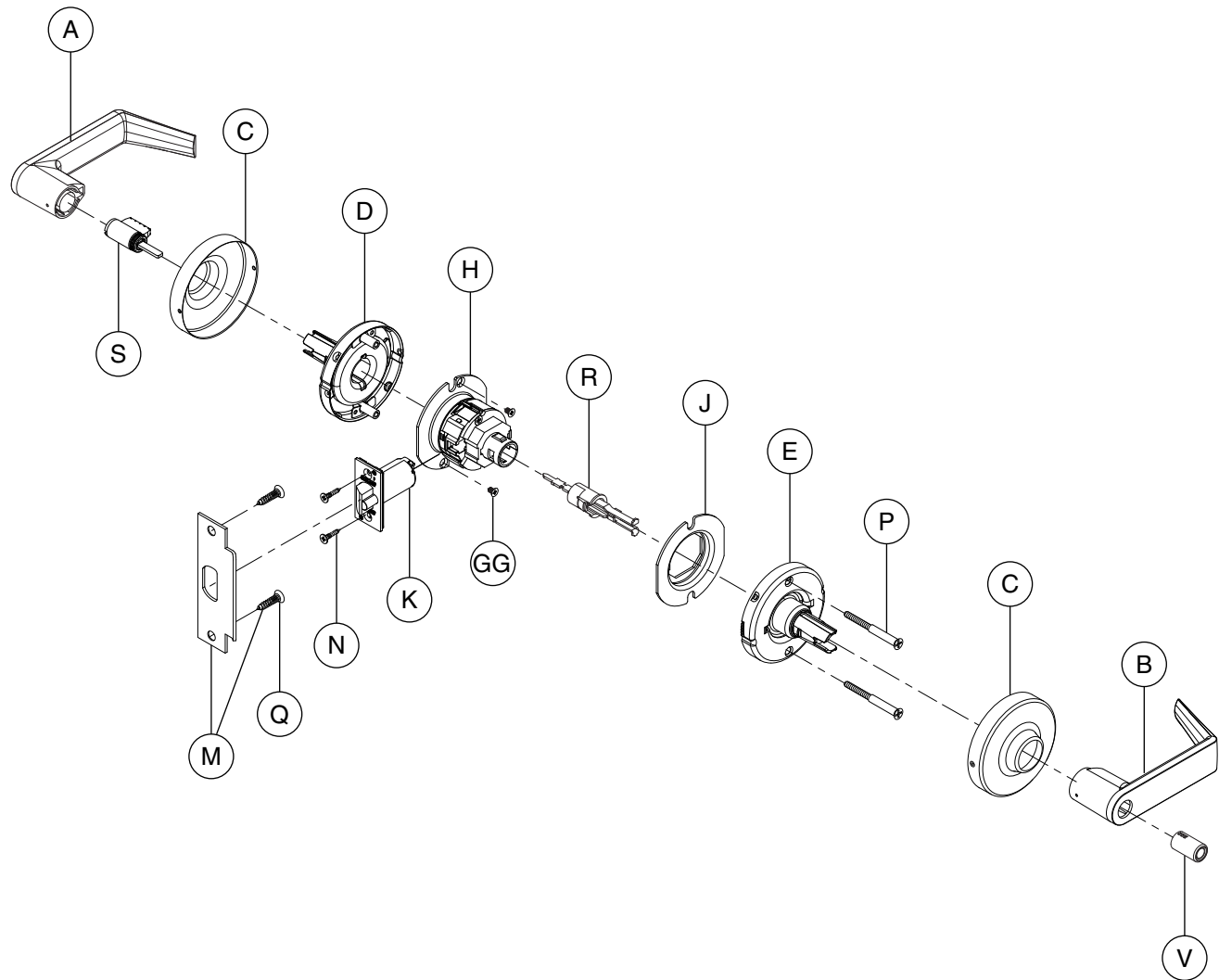
* Chassis part number is for reference only.
✦ Designates new parts or assemblies.

| Letter | Description | Part number |
|--------|---------------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-087 ✦ |
| S | Cylinder—6-pin indicator | 23-000 |
| FF | Push button with spanner access | N523-211 ✦ |
| GG | Adjustment plate screws | N523-240 ✦ |

Entrance/office lock with Vandlgard®

ND91

ND91PD (shown), ND91RD ✓, ND91GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (button) | 03-233 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—standard | N523-221 ✧ |
| H | Chassis | 24088379* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✧ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-086 ✧ |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-209 ✧ |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.

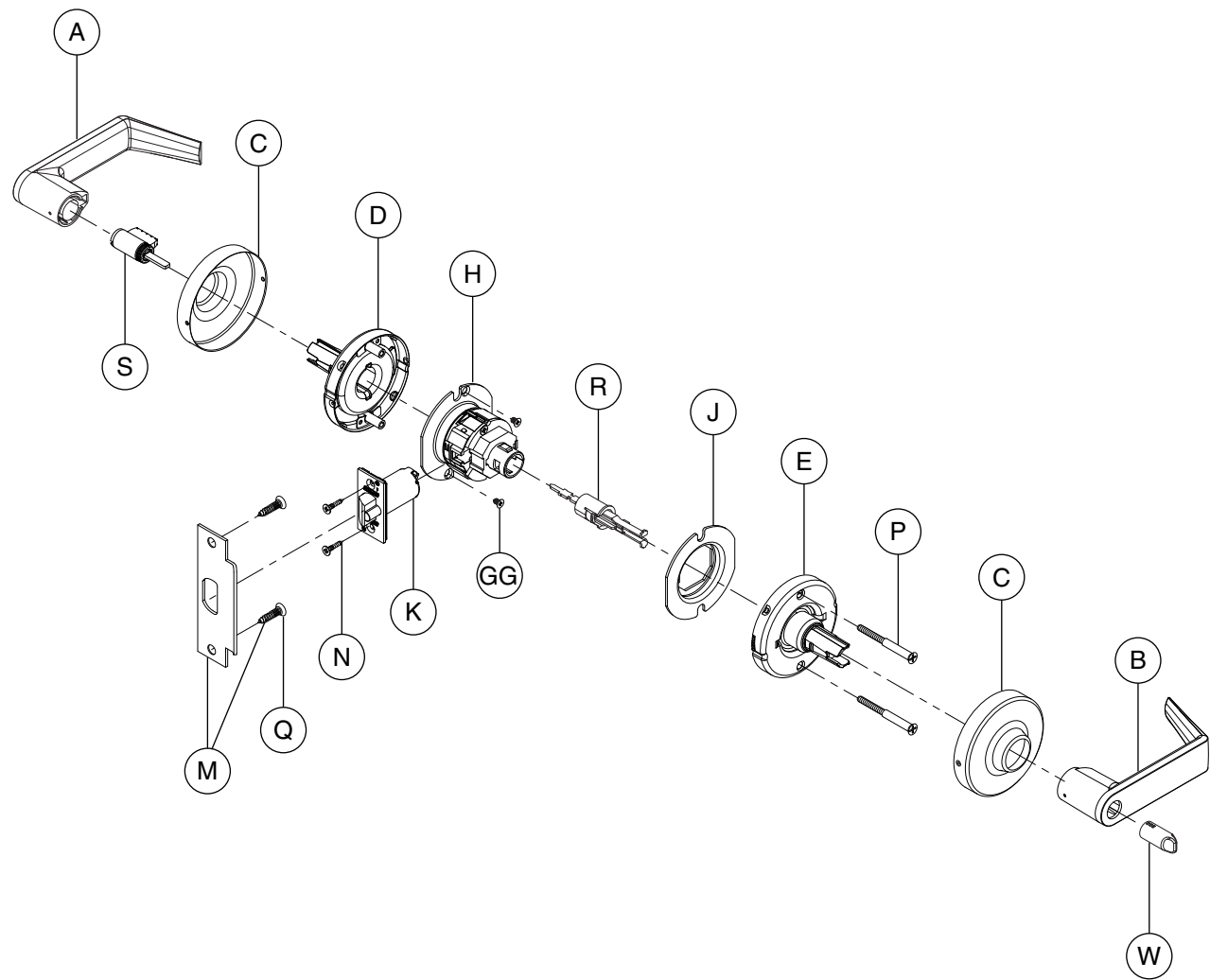
* Chassis part number is for reference only.

✧ Designates new parts or assemblies.

Entrance lock with Vandlgard®

ND92

ND92PD (shown), ND92RD ✓, ND92GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—open (button) | 03-233 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—standard | N523-221 ✧ |
| H | Chassis | 24088379* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✧ |

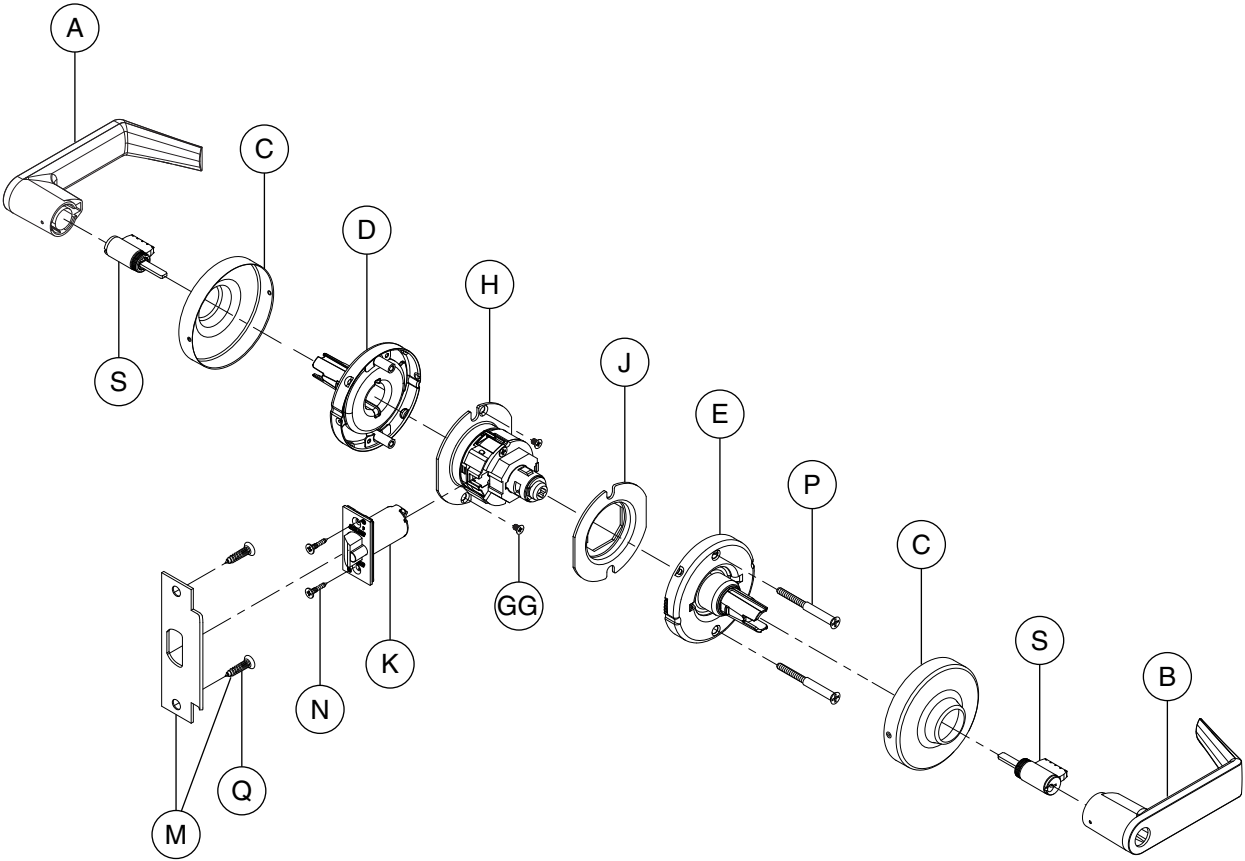
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push and turn | N123-085 ✧ |
| S | Cylinder—6-pin | 23-065 |
| W | Push and turn button | N523-210 ✧ |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
* Chassis part number is for reference only.
✧ Designates new parts or assemblies.

Vestibule with Vandlgard®

ND93

ND93PD (shown), ND93RD ✓, ND93GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ◇ |
| B | Inside lever—open (cylinder) | 03-231 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ◇ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ◇ |
| H | Chassis | 24088387* |
| J | Anti-rotation plate | N523-055 |

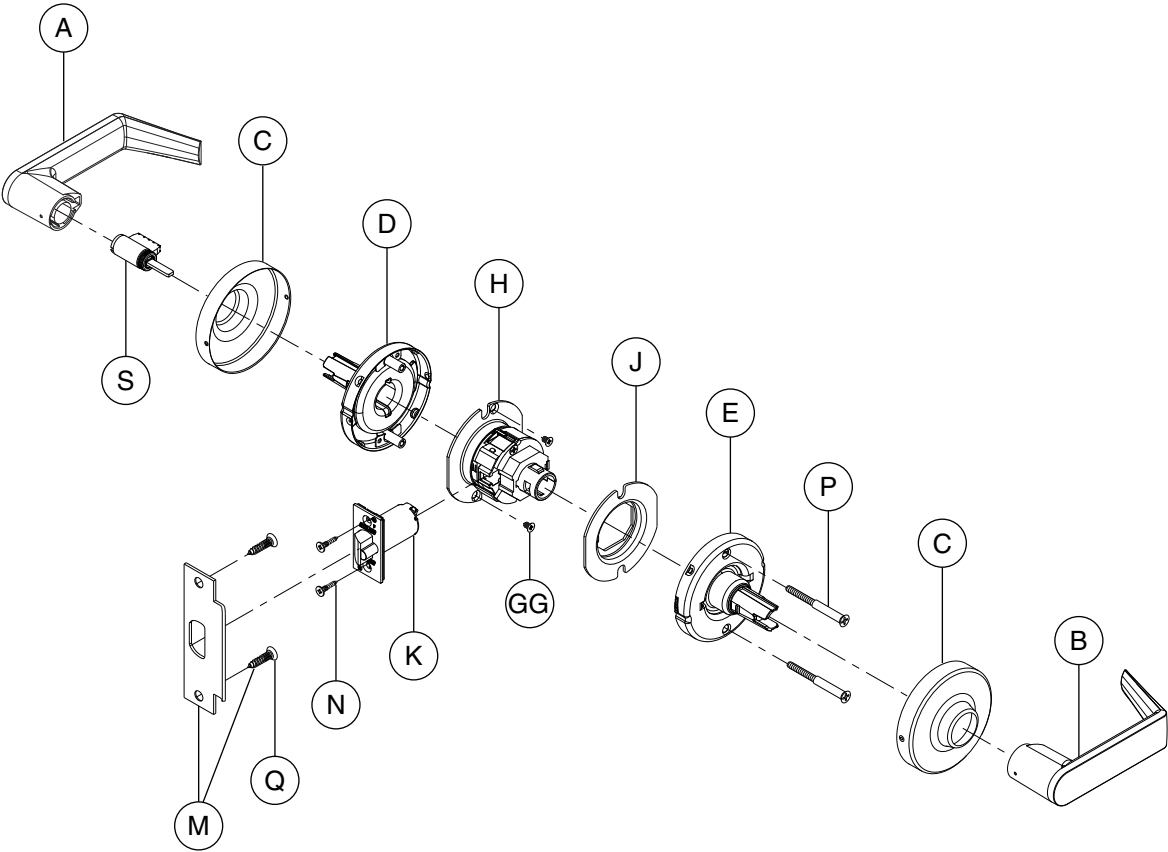
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ◇ |

- ✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
- * Chassis part number is for reference only.
- ◇ Designates new parts or assemblies.

Classroom lock with Vandlgard®

ND94

ND94PD (shown), ND94RD ✓, ND94GD ✓



| Letter | Description | Part number |
|--------|--------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—closed (cylinder) | 03-230 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis | 24088395* |
| J | Anti-rotation plate | N523-055 |

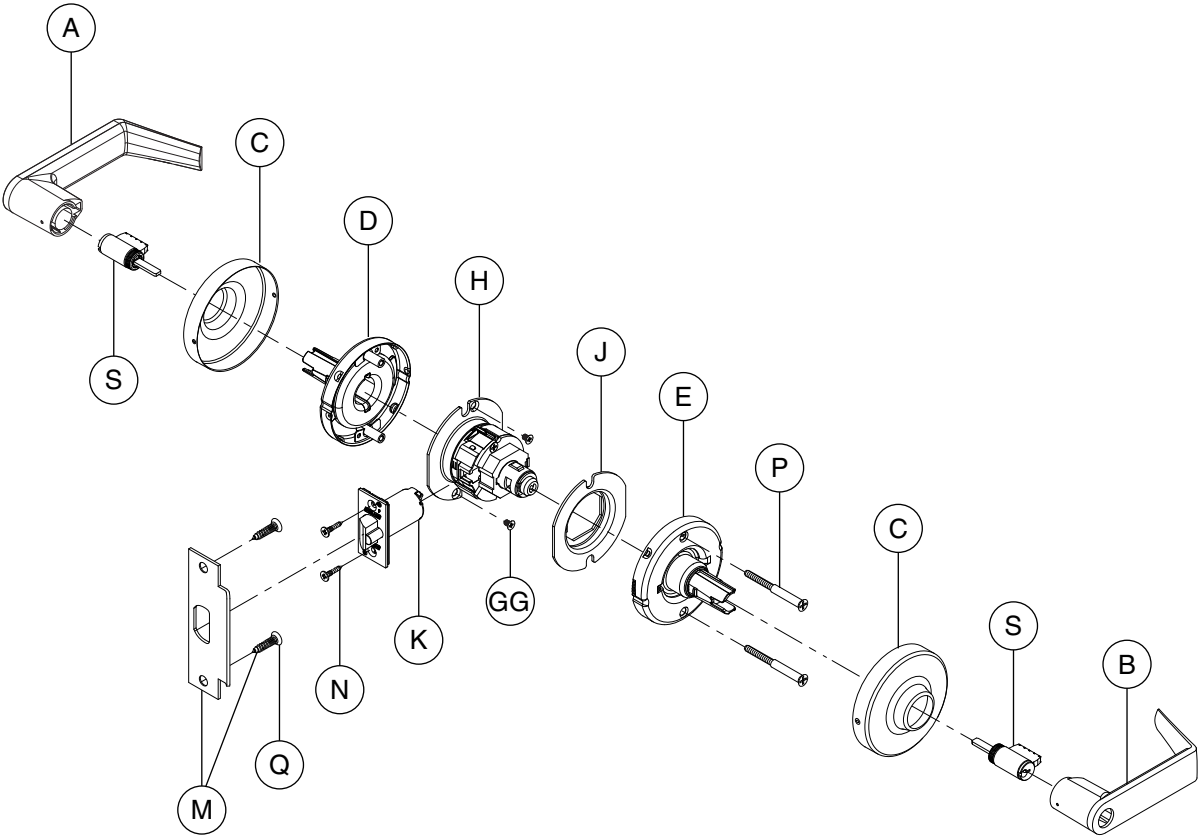
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Dead latch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

- ✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
- * Chassis part number is for reference only.
- ✦ Designates new parts or assemblies.

Classroom security lock with Vandlgard®

ND95

ND95PD (shown), ND95RD ✓, ND95GD ✓



| Letter | Description | Part number |
|--------|---|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open | 03-231 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—keyed inside except SFIC | N523-222 ✦ |
| H | Chassis | 24088171* |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.

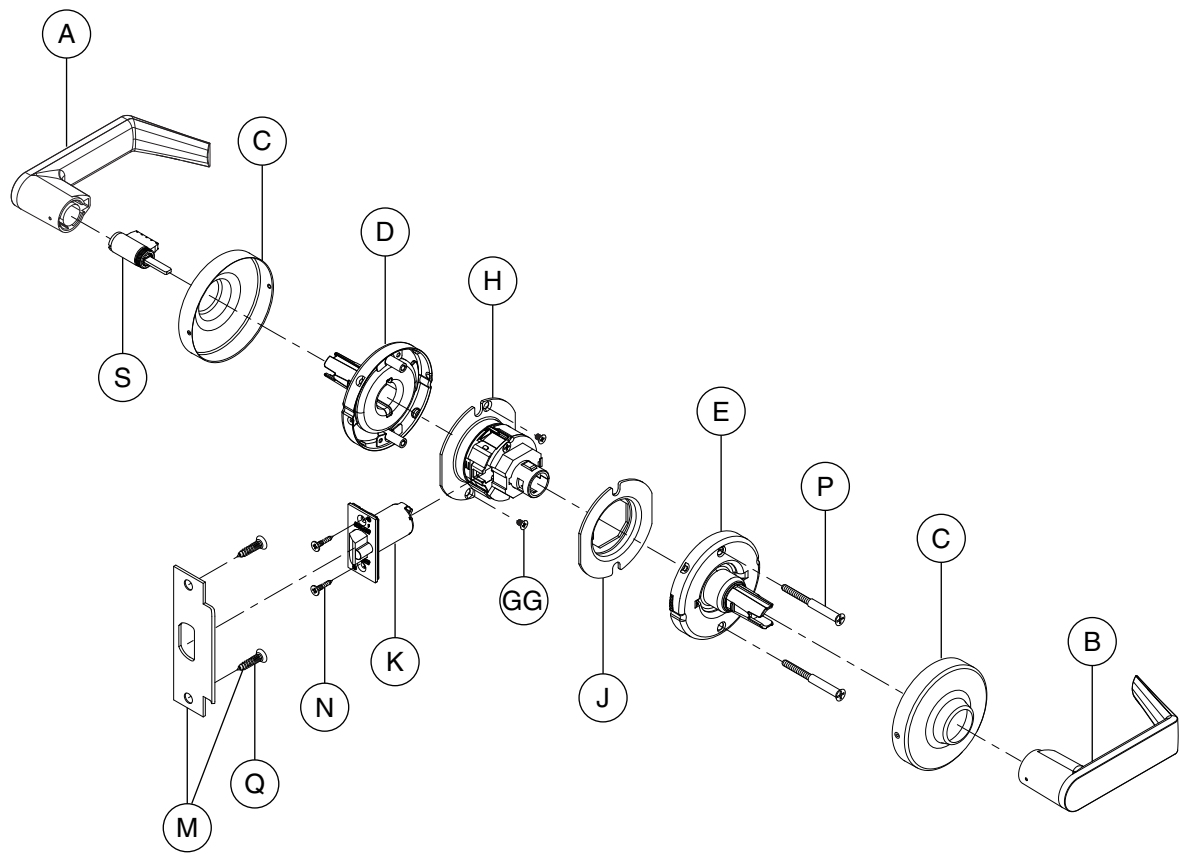
* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Storeroom lock with Vandlgard®

ND96

ND96PD (shown), ND96RD ✓, ND96GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—closed | 03-230 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—standard | N523-221 ✧ |
| H | Chassis | 24088403* |
| J | Anti-rotation plate | N523-055 |

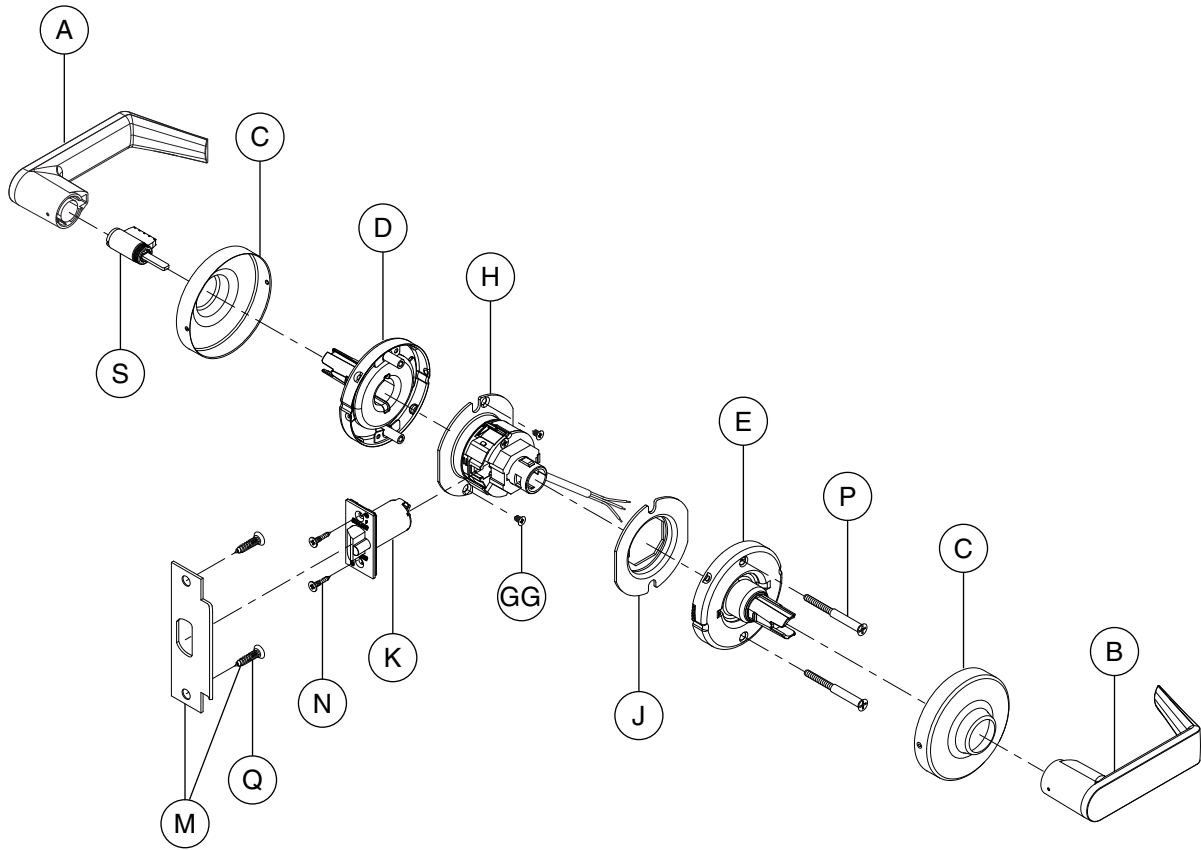
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
* Chassis part number is for reference only.
✧ Designates new parts or assemblies.

Storeroom lock with Vandlgard® with request-to-exit

ND96 RX**

ND96PDRX (shown), ND96RDRX ✓, ND96GDRX ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✧ |
| B | Inside lever—closed | 03-230 ✧ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✧ |
| E | Inside spring cage—standard | N523-221 ✧ |
| H | Chassis | 63-014* |
| J | Anti-rotation plate | N523-131 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✧ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✧ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.

* Chassis part number is for reference only.

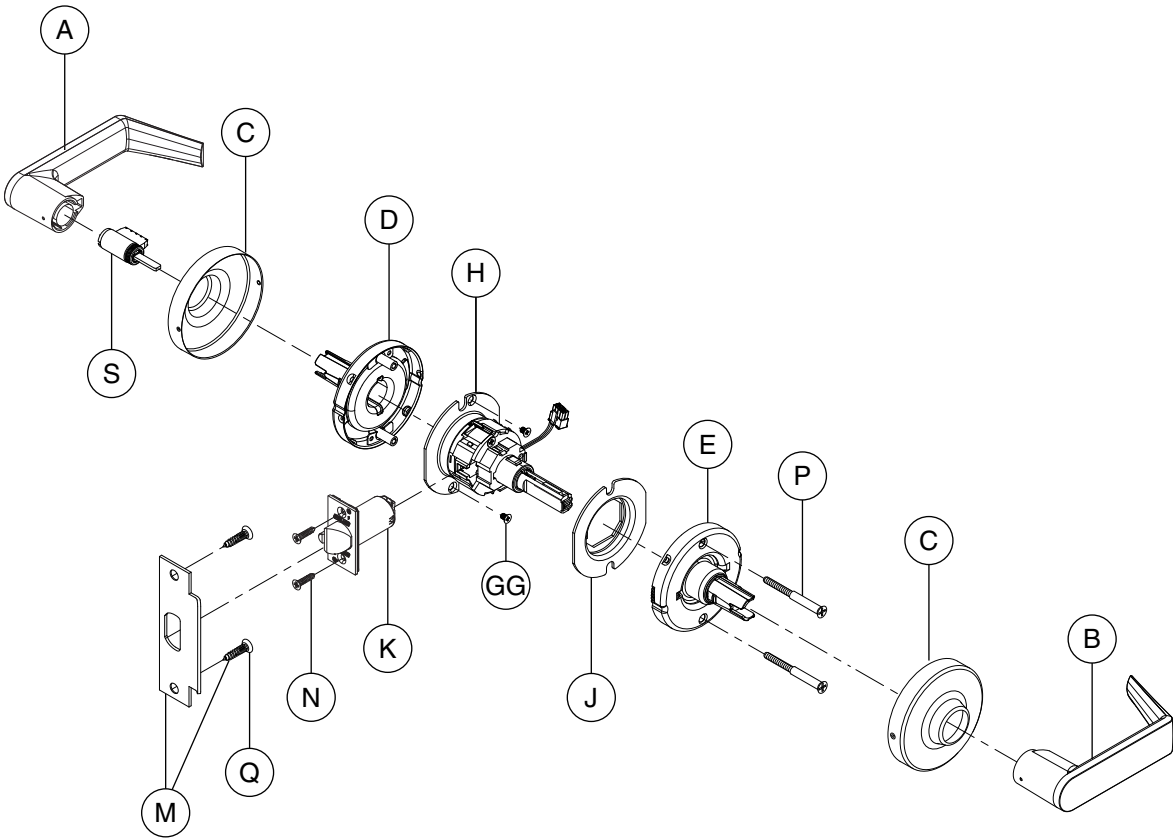
** For RX details, see **Request-to-exit feature** on page 106.

✧ Designates new parts or assemblies.

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

ND96EL or ND96EU**

ND96EL/EUPD (shown), ND96EL/ND96EURD ✓, ND96EL/ND96EUGD ✓



| Letter | Description | Part number |
|--------|--------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—closed | 03-230 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis, electrically locked | 63-182*✦ |
| | Chassis, electrically unlocked | 63-183*✦ |
| J | Anti-rotation plate | N523-055 |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ✦ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ✦ |

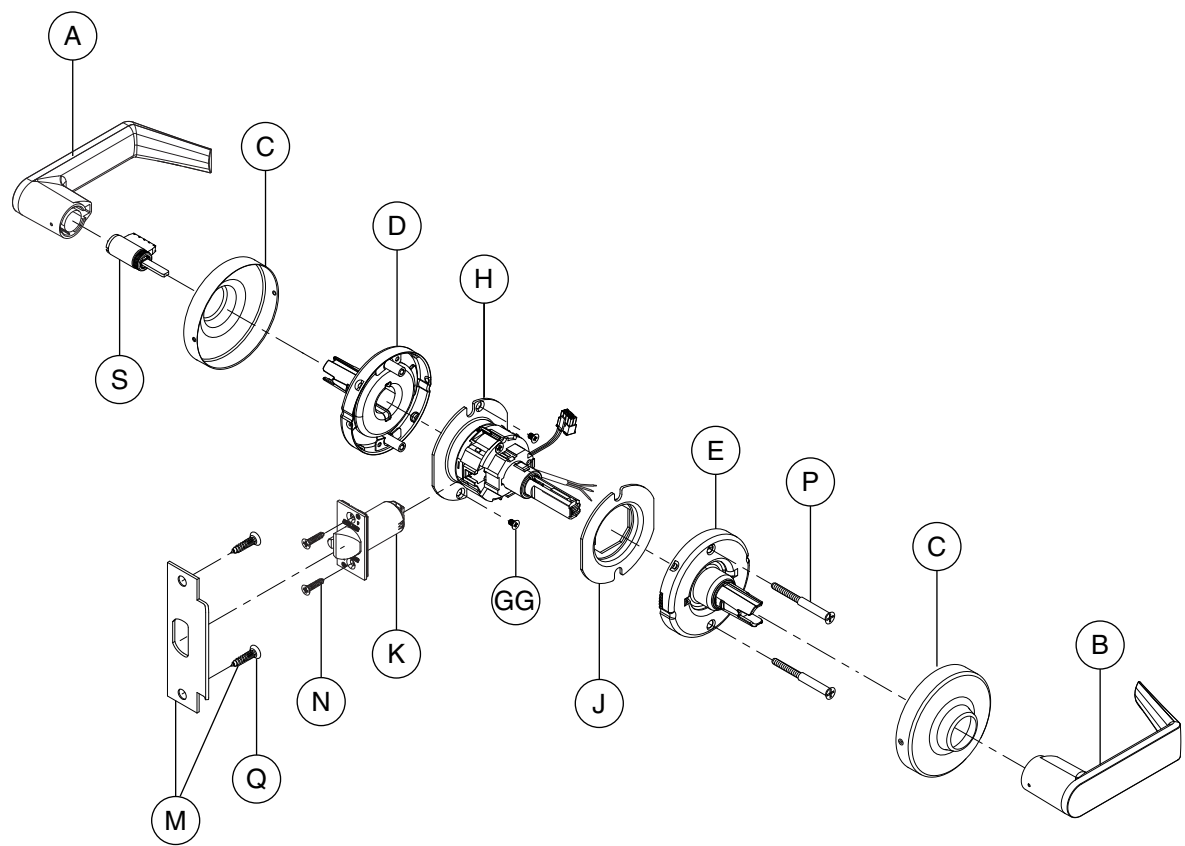
✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
* Chassis part number is for reference only.
** For electrified lock details, see **Electrified locks** on page 105.
✦ Designates new parts or assemblies.

Trim assemblies

Storeroom lock with Vandlgard®—electrically locked (fail secure) or electrically unlocked (fail secure) with request-to-exit

ND96EL RX or ND96EU RX**

ND96EL/EUPD RX (shown), ND96EL/EURD RX ✓, ND96EL/EUGD RX ✓



| Letter | Description | Part number |
|--------|--------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ◇ |
| B | Inside lever—closed | 03-230 ◇ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ◇ |
| E | Inside spring cage—standard | N523-221 ◇ |
| H | Chassis, electrically locked | 63-186* ◇ |
| | Chassis, electrically unlocked | 63-187* ◇ |
| J | Anti-rotation plate | N523-131 |

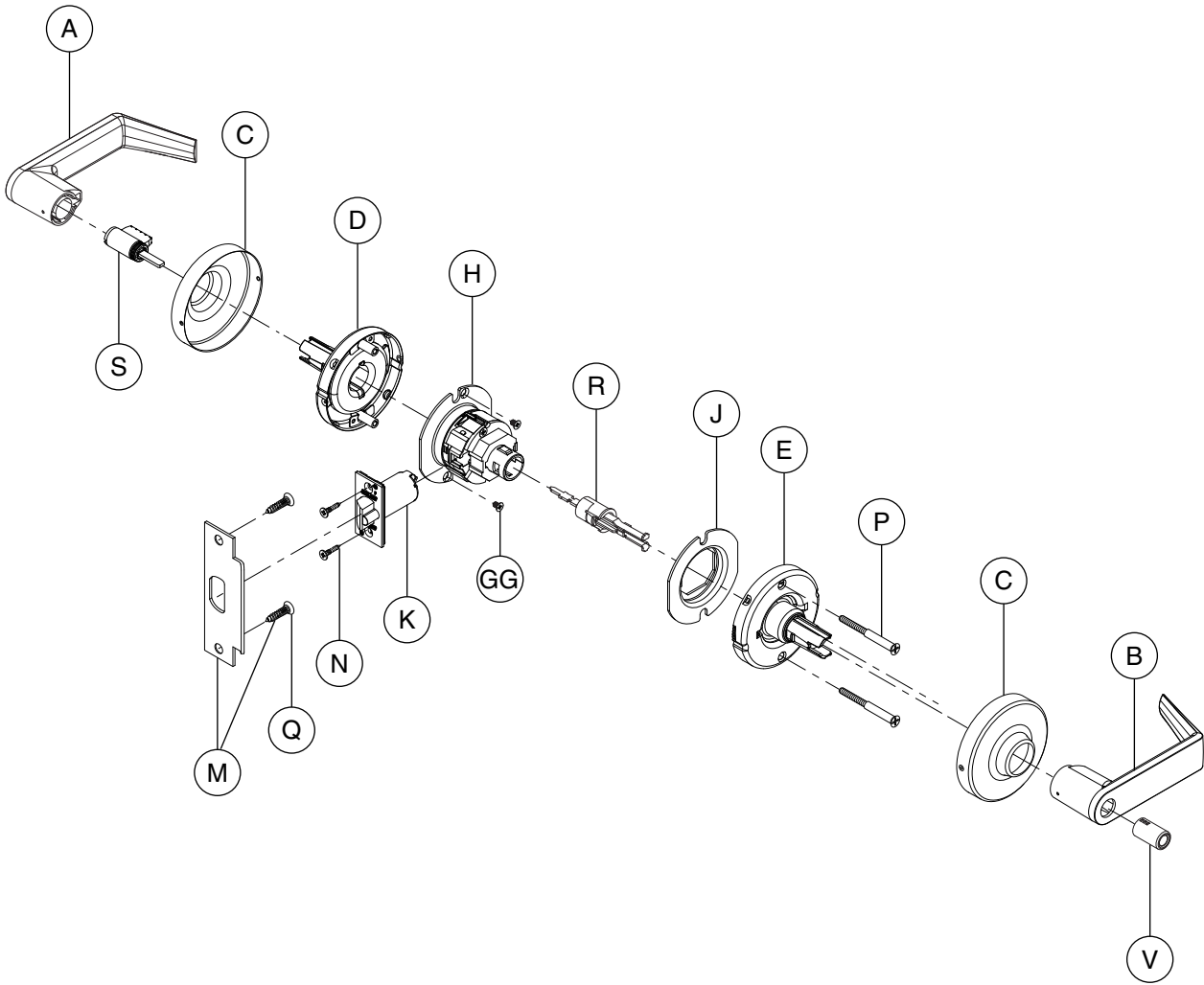
| Letter | Description | Part number |
|--------|-------------------------|-------------|
| K | Deadlatch | 13-247 ◇ |
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| S | Cylinder—6-pin | 23-065 |
| GG | Adjustment plate screws | N523-240 ◇ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.
* Chassis part number is for reference only.
** For electrified lock details, see **Electrified locks** on page 105. For RX details, see **Request-to-exit feature** on page 106.
◇ Designates new parts or assemblies.

Corridor lock with Vandlgard®

ND97

ND97PD (shown), ND97RD ✓, ND97GD ✓



| Letter | Description | Part number |
|--------|-------------------------------|-------------|
| A | Outside lever—open (cylinder) | 03-231 ✦ |
| B | Inside lever—open (button) | 03-233 ✦ |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 ✦ |
| E | Inside spring cage—standard | N523-221 ✦ |
| H | Chassis | 24088189* |
| J | Anti-rotation plate | N523-055 |
| K | Deadlatch | 13-247 ✦ |

| Letter | Description | Part number |
|--------|-------------------------|-------------|
| M | Strike assembly | 10-025 |
| N | Latch screw | C603-897 |
| P | Mounting screw | N523-021 |
| Q | Strike screw | C603-256 |
| R | Plunger—push button | N123-086 ✦ |
| S | Cylinder—6-pin | 23-065 |
| V | Push button | N523-209 ✦ |
| GG | Adjustment plate screws | N523-240 ✦ |

✓ For RD (Full Size Interchangeable Core) and GD (SFIC) outside trim configurations, see page 98.

* Chassis part number is for reference only.

✦ Designates new parts or assemblies.

Conversion

Spring cage conversion

Spring cage conversion by function

| Function | Outside Spring Cage | | Inside Spring Cage | | Lever Type | |
|----------------|---------------------|----------|--------------------|----------|------------|-------------------|
| | Original | New | Original | New | Outside | Inside |
| ND10 | N123-043 | N523-218 | N123-032 | N523-221 | Closed | Closed |
| ND12 | N123-022 | N523-218 | N123-032 | N523-221 | Closed | Closed |
| ND12EL, ND12EU | N123-022 | N523-218 | N123-032 | N523-221 | Closed | Closed |
| ND170 | – | – | 63-104 | N523-223 | – | Closed |
| ND25 | – | – | N123-032 | N523-221 | – | Closed |
| ND25x70 | – | – | N123-021 | N523-222 | – | Cylinder |
| ND25x80 | – | – | N123-021 | N523-222 | – | Cylinder |
| ND30 | N123-022 | N523-218 | N123-032 | N523-221 | Closed | Push button |
| ND40 | N123-022 | N523-218 | N123-032 | N523-221 | Privacy | Push button |
| ND44 | N123-022 | N523-218 | N123-032 | N523-221 | Privacy | Push button |
| ND45 | N123-022 | N523-218 | N123-032 | N523-221 | Privacy | Closed |
| ND50 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push button |
| ND53 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push /turn button |
| ND60 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND60 | N123-022 | N523-218 | N123-021 | N523-222 | Closed | Cylinder |
| ND66 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND70 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Closed |
| ND70x80 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND72 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND73 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push button |
| ND75 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND80 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Closed |
| ND80EL, ND80EU | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Closed |
| ND82 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND85 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push button |
| ND91 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push button |
| ND92 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push /turn button |
| ND93 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND94 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Closed |
| ND95 | N123-022 | N523-218 | N123-021 | N523-222 | Cylinder | Cylinder |
| ND96 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Closed |
| ND96EL, ND96EU | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Closed |
| ND97 | N123-022 | N523-218 | N123-032 | N523-221 | Cylinder | Push button |

Spring cage conversion by cylinder format

| Cylinder format | Outside Spring Cage | | Inside Spring Cage | |
|------------------------|---------------------|----------|--------------------|----------|
| | Original | New | Original | New |
| JD, LD, PD, RD, ZD | N123-022 | N523-218 | N123-021 | N523-222 |
| BD, BDC, GD, HD | N123-056 | | N123-057 | |
| LD SAR, LD C06 | N123-064 | | N123-067 | |
| JD C06, JD SAR, JD C07 | N123-066 | | N123-069 | |
| JD YA6, JD YA7, JD MED | N123-065 | N523-224 | N123-068 | N523-225 |

Lever conversion

Available lever designs: ATH=Athens, RHO=Rhodes, SPA=Sparta, TLR=Tubular, OME=Omega

| Lever type | Original | New | Available lever design |
|---|----------|--------|-------------------------|
| Closed | 03-030 | 03-230 | ATH, RHO, SPA, TLR, OME |
| Privacy | 03-031 | 03-231 | ATH, RHO, SPA, TLR, OME |
| Push button or push and turn button | 03-031 | 03-233 | ATH, RHO, SPA, TLR, OME |
| Cylinder – Schlage® KIL (P, L) | 03-031 | 03-231 | ATH, RHO, SPA, TLR, OME |
| Cylinder – Schlage FSIC (R, J, T) | 03-032 | 03-232 | ATH, RHO, SPA, TLR, OME |
| Cylinder – Schlage SFIC (B, BDC, G, H) | 03-000 | 03-200 | ATH, RHO, SPA, TLR, OME |
| Cylinder – Corbin Russwin® KIL (LD CO6) | – | 03-234 | ATH, RHO, SPA, TLR |
| Cylinder – Corbin Russwin FSIC (JD CO6) | 03-066 | 03-266 | ATH, RHO, SPA, TLR |
| Cylinder – Corbin Russwin 7-pin FSIC (JD CO7) | – | 03-235 | RHO |
| Cylinder – Medeco® 31 (JD YA6) | 03-055 | 03-255 | ATH, RHO, SPA, TLR |
| Cylinder – Medeco 32 (JD MED) | – | 03-237 | ATH, RHO, SPA, TLR |
| Cylinder – Sargent® KIL (LD SAR) | 03-044 | 03-244 | ATH, RHO, SPA, TLR |
| Cylinder – Sargent FSIC (JD SAR) | 03-077 | 03-277 | ATH, RHO, SPA, TLR |
| Cylinder – Yale® FSIC (JD YA6) | 03-055 | 03-255 | ATH, RHO, SPA, TLR |
| Cylinder – Yale 7-pin FSIC (JD YA7) | – | 03-236 | RHO |
| Cylinder – Best® | 03-000 | 03-200 | ATH, RHO, SPA, TLR, OME |

Button and plunger assembly conversion

| Button type/function | Button | | Plunger assembly | |
|--|----------|----------|------------------|----------|
| | Original | New | Original | New |
| Push button (ND30, ND40, ND44, ND50, ND73, ND91, ND97) | N523-000 | N523-209 | N123-028 | N123-086 |
| Push and turn button (ND53, ND92) | N523-001 | N523-210 | N123-017 | N123-085 |
| Spanner button (ND85) | N523-124 | N523-211 | 24071920 | N123-087 |

Parts and kits

Conversion kits

Prior versions of ND locks may be upgraded to new parts and assemblies with conversion kits consisting of a spring cage assembly and lever assembly. Kits may be ordered for one or both sides of the lock. Kits are available for all lever designs. For allowable finishes, refer to current Schlage Commercial Price Book.

04-400, Outside conversion kit

| Outside lever type | Cylinder type | Spring cage assembly | Lever | Stop catch | Driver |
|---------------------------------|---------------------------|----------------------|--------|------------|--------|
| Closed (ND10) | – | N523-218 | 03-230 | – | – |
| Closed (ND12, ND30, ND45, ND60) | – | N523-218 | 03-230 | N523-041 | – |
| Open KIL | Schlage KIL | N523-218 | 03-231 | – | – |
| FSIC | Schlage FSIC | N523-218 | 03-232 | – | – |
| SFIC | Schlage SFIC | N523-218 | 03-200 | – | – |
| SARG KIL | Sargent KIL | N523-218 | 03-244 | – | 09-060 |
| SARG FSIC | Sargent FSIC | N523-218 | 03-277 | – | 09-063 |
| COR RUSS 6P FSIC | Corbin Russwin 6-pin FSIC | N523-218 | 03-266 | – | 09-062 |
| YALE 6P FSIC | Yale 6-pin FSIC | N523-224 | 03-255 | – | 09-061 |

04-600, Inside conversion kit

| Inside lever type | Cylinder type | Spring cage assembly | Lever | Button | Driver |
|-----------------------------|---------------------------|----------------------|--------|----------|--------|
| Closed | – | N523-221 | 03-230 | – | – |
| Closed, electrified | – | N523-221 | 03-230 | – | – |
| Open, push button | – | N523-221 | 03-233 | N523-209 | – |
| Open, push and turn button | – | N523-221 | 03-233 | N523-210 | – |
| Open, spanner button (ND85) | – | N523-221 | 03-233 | N523-211 | – |
| Open KIL | Schlage KIL | N523-222 | 03-231 | – | – |
| FSIC | Schlage FSIC | N523-222 | 03-232 | – | – |
| SFIC | Schlage SFIC | N523-222 | 03-200 | – | – |
| SARG KIL | Sargent KIL | N523-222 | 03-244 | – | 09-060 |
| SARG FSIC | Sargent FSIC | N523-222 | 03-277 | – | 09-063 |
| COR RUSS 6P FSIC | Corbin Russwin 6-pin FSIC | N523-222 | 03-266 | – | 09-062 |
| YALE 6P FSIC | Yale 6-pin FSIC | N523-255 | 03-255 | – | 09-061 |

Levers

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

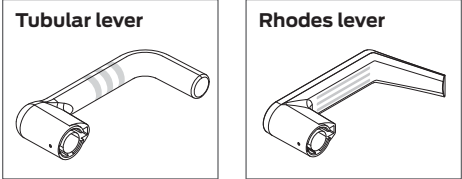
| | Closed levers | Open, button levers | Interchangeable core levers | SFIC levers |
|--------------------------|---|---|---|--|
| Athens (ATH) | 03-230 ATH A=2 3/4" B=3 5/16" C=2 1/2" | 03-231 ATH, 03-233 ATH A=2 3/4" B=3 5/16" C=2 1/2" | 03-232 ATH A=3" B=3 1/2" C=2 1/16" | 03-200 ATH A=2 7/8" B=3 3/8" C=2 1/2" |
| Rhodes (RHO) | 03-230 RHO A=2 7/16" B=2 15/16" | 03-231 RHO, 03-233 RHO A=2 7/16" B=2 15/16" | 03-232 RHO A=2 3/4" B=3 1/4" | 03-200 RHO A=2 1/2" B=3" |
| Sparta (SPA) | 03-230 SPA A=3" B=3 1/2" | 03-231 SPA, 03-233 SPA A=3" B=3 1/2" | 03-232 SPA A=3 1/4" B=3 3/4" | 03-200 SPA A=3" B=3 1/2" |
| Omega (OME) | 03-230 OME B=3 5/16" | 03-231 OME, 03-233 OME B=3 5/16" | 03-232 OME B=3 1/2" | 03-200 OME B=3 3/8" |
| Tubular (TLR) | 03-230 TLR A=2 1/4" B=3 | 03-231 TLR, 03-233 TLR A=2 1/4" B=3" | 03-232 TLR A=2 1/2" B=3 3/16" | 03-200 TLR A=2 1/4" B=3" |

* Meets California Fire Code for 1/2" or less return to the door.

Tactile warning

Not available on Omega levers

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



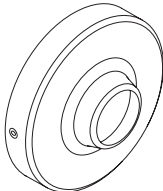
Roses

Inside/outside rose, 03-042 RHO

Standard inside or outside rose for use with ATH, RHO, SPA or TLR levers.

Size: 37/16" dia.

Available in 605, 606, 612, 613, 619, 625, 626.

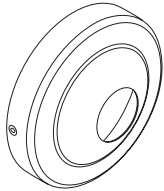


Omega inside/outside rose, 03-042 OME

Standard inside or outside rose for use with OME levers.

Size: 37/16" dia.

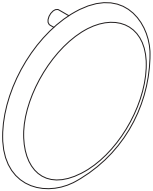
Available in 605, 606, 612, 613, 619, 625, 626.



Blank outside rose, N523-002

Standard inside or outside blank rose. For ND25, ND25x70 or ND25x80.

Size: 3 1/2" dia.

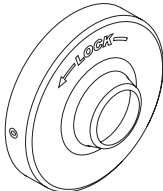


Printed inside rose (Rhodes) XN12-035

Inside rose printed with "LOCK". For use with classroom security function locks with ATH, RHO, SPA or TLR levers.

Size: 37/16" dia.

Available in 626 only.

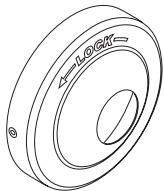


Printed inside rose (Omega) XN12-045

Inside rose printed with "LOCK". For use with classroom security function locks with OME levers.

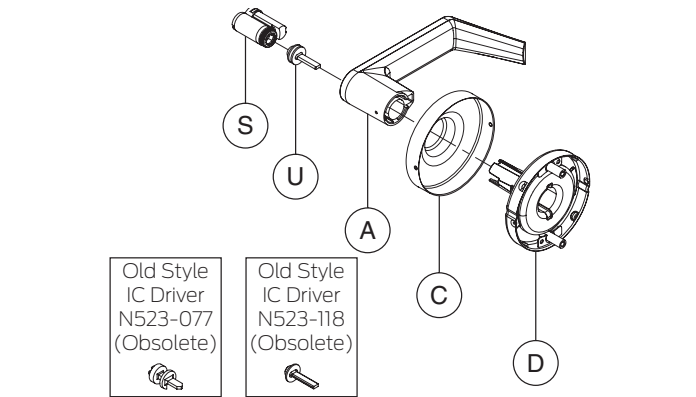
Size: 37/16" dia.

Available in 626 only.



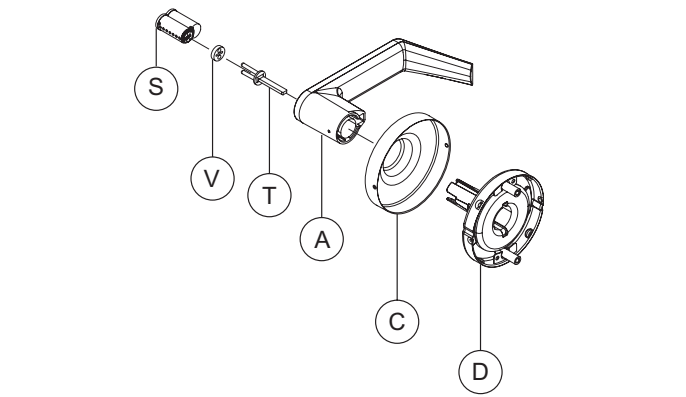
Full size IC and SFIC (small format interchangeable core) configurations

Full size IC—outside



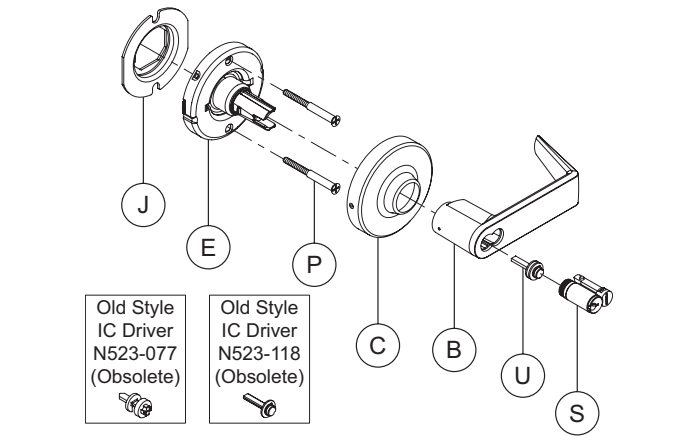
| Letter | Description | Part number |
|--------|------------------------------|-------------|
| A | Outside lever—full size IC | 03-232 |
| C | Rose | 03-042 |
| D | Outside spring cage—standard | N523-218 |
| S | Cylinder—full size IC | 23-030 |
| U | IC driver | N523-127 |

SFIC—outside



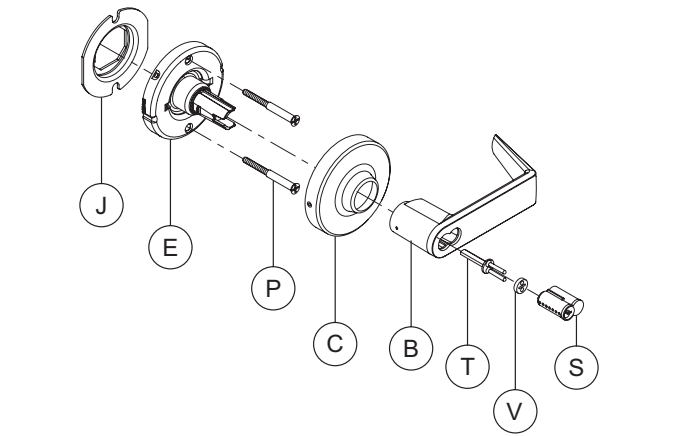
| Letter | Description | Part number |
|--------|-------------------------------------|-------------|
| A | Outside lever—SFIC | 03-200 |
| C | Rose | 03-042 |
| D | Outside spring cage—SFIC | N523-218 |
| S | Cylinder—SFIC | 80-037 |
| T | SFIC driver | N523-091 |
| V | Small format IC spacer (6-pin only) | D500-000 |

Full size IC—inside



| Letter | Description | Part number |
|--------|--|-------------|
| B | Inside lever—full size IC | 03-232 |
| C | Rose | 03-042 |
| E | Inside spring cage —keyed inside except SFIC | N523-222 |
| J | Anti-rotation plate | N523-055 |
| P | Mounting screw | N523-021 |
| S | Cylinder—full size IC | 23-030 |
| U | IC driver | N523-127 |

SFIC—inside

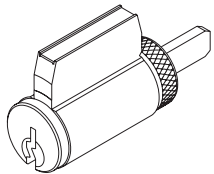


| Letter | Description | Part number |
|--------|-------------------------------------|-------------|
| B | Inside lever—SFIC | 03-200 |
| C | Rose | 03-042 |
| E | Inside spring cage—SFIC | N523-222 |
| J | Anti-rotation plate | N523-055 |
| P | Mounting screw | N523-021 |
| S | Cylinder—SFIC | 80-037 |
| V | Small format IC spacer (6-pin only) | D500-000 |

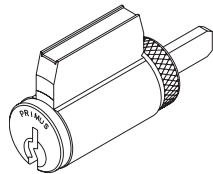
Cylinders

Standard cores

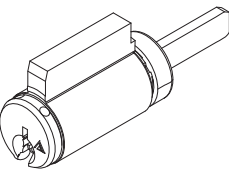
Conventional Classic or Everest, 23-065



Primus® Controlled Access, 20-765



Everest SL, 91-018

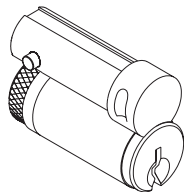


Full size interchangeable cores

Conventional, with logo Classic or Everest, 23-030



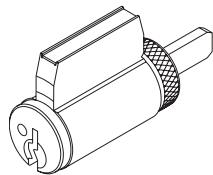
Conventional without logo Classic or Everest, 23-031



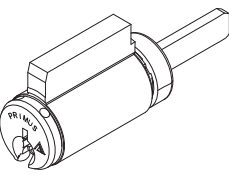
Primus® High Security, 23-565. UL 437 Listed



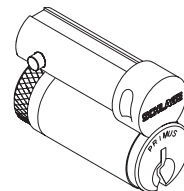
Indicator, 23-000



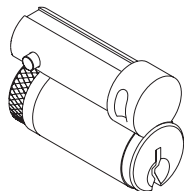
Everest SL, 91-718 XP



Primus® with logo, 20-740

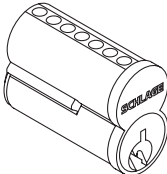


Primus® without logo, 20-741



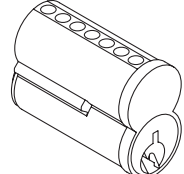
Small format interchangeable cores

Everest® Combined, 80-037

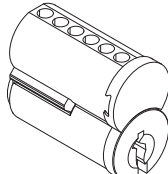


Also available in uncombined, (80-036)

Best® Keyway 7-Pin Uncombined, 80-033



Best® Keyway 6-Pin Uncombined, 80-043



Cylinder tailpieces









| Cylinder Format | Tailpiece |
|-------------------|-----------|
| Schlage, SCH-FSIC | N523-127 |
| Schlage, SCH-SFIC | N523-091 |

Competitor cylinder options

Available for all keyed functions. Available lever designs: Athens (ATH), Rhodes (RHO), Sparta (SPA) and Tubular (TLR).

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

Tactile warning is available. See Tactile warning on page 96 for details.

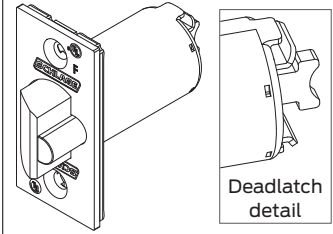
| Cylinder | Order suffix | Description | Lever | Spring cage | | Cylinder tailpiece |
|---|--------------|--|--------|-------------|----------|--------------------|
| | | | | Outside | Inside | |
|  | LD SAR | Sargent Key In Lever | 03-244 | N523-218 | N523-222 | 09-060 |
|  | JD SAR | Sargent Full Size Interchangeable Core cylinder | 03-277 | | | 09-063 |
|  | LD CO6 | Corbin Russwin Key in Lever 6-pin cylinder | 03-234 | N523-218 | N523-222 | 10-141 |
|  | JD CO6 | Corbin Russwin Full Size Interchangeable Core 6-pin cylinder | 03-266 | | | 09-062 |
|  | JD CO7 | Corbin Russwin Full Size Interchangeable Core 7-pin cylinder | 03-235 | | | 10-140 |
|  | JD YA6 | Medeco 31 and Yale Full Size Interchangeable Core 6-pin cylinder | 03-255 | N523-224 | N523-225 | 09-061 |
|  | JD MED | Medeco 32 Full Size Interchangeable Core | 03-237 | | | 10-143 |
|  | JD YA7 | Yale Full Size Interchangeable Core 7-pin cylinder | 03-236 | | | 10-142 |

Parts and kits

Latches

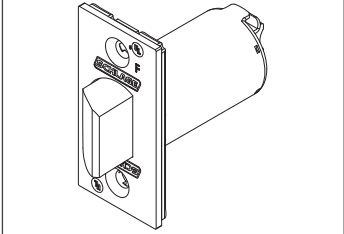
All ND-Series latches have one-inch diameter housing and adjustable faceplates for flat or beveled doors.

Deadlatch, 13-247
(Replaces 13-047)

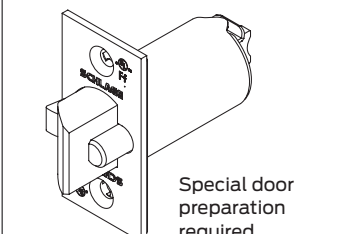


Deadlatch detail

Springlatch, 13-248
(Replaces 13-048)



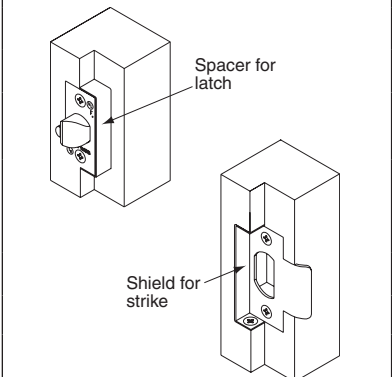
Anti-friction fire door deadlatch, 14-042



Special door preparation required.

| Backset | Description | Springlatch | Deadlatch |
|---------|---|-------------|-----------|
| 2 3⁄8" | Square corner, 1 1⁄8" x 2 1⁄4" | — | 14-047 |
| | Square corner, 1" x 2 1⁄4" | — | 14-048 |
| 2 3⁄4" | Square corner, 1 1⁄8" x 2 1⁄4", standard | 13-248 | 13-247 |
| 2 3⁄4" | Anti-friction fire door latch, square corner, 1 1⁄8" x 2 1⁄4", 3⁄4" throw, 1 3⁄8" - 6" door range | — | 14-042*** |
| 3 3⁄4" | Square corner, 1 1⁄8" x 2 1⁄4" | 14-010 | 14-028 |
| 5" | Backset extension link | — | 43-005** |
| — | Rabbeted latch and strike kit (605, 626 only) | 39-030* | |

Rabbeted latch and strike kit, 39-030



Spacer for latch

Shield for strike

- * Adapts square corner latch and 2 3⁄4" high square corner strike to 1⁄2" rabbeted door and frame preparations.
- ** Can only be used with 2 3⁄4" backset latch.
- *** Used for pairs of fire-rated doors.

Strikes

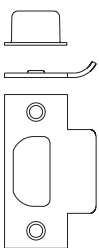
Square corner T-strike, 10-013

Size: 1 1⁄8" x 2 3⁄4" x 3⁄32"

Lip length: 1 1⁄8", 1 1⁄2"

Includes strike box C603-623

Available in 605, 606, 612, 613, 619, 625, 626.



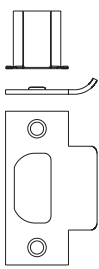
Square corner fire door T-strike, 10-016

Size: 1 1⁄8" x 2 3⁄4" x 3⁄32"

Lip length: 1 1⁄8", 1 1⁄2"

Includes strike box B502-853

Available in 605, 606, 612, 613, 619, 625, 626.



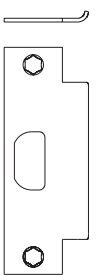
ANSI Prep. A115.2, 10-025

Size: 1 1⁄4" x 4 7⁄8" x 3⁄32"

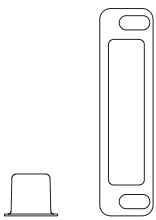
Lip length: 1 3⁄16" (std), 1 3⁄8", 1 1⁄2"

If required, K510-066 strike must be ordered separately.

Available in 605, 606, 612, 613, 619, 625, 626.



ANSI Plastic strike box, K510-066



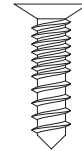
Parts and kits

Screws, screw packs and special parts

Screws

| Part no. | Description | Door thickness | Type | Size |
|----------|-----------------------------|----------------|-------------|----------------|
| A501-171 | ND170, washer | – | Washer | – |
| N523-092 | ND170, mounting screw | 1½" - 2" | POH machine | ¼"-20 x 2½" |
| L583-133 | ND170, mounting, escutcheon | – | Sheet metal | #8 X 1" |
| N623-030 | Motor assembly | – | PFH combo | #4-40 X ¾" |
| N523-135 | RX switch | – | Hex | #2-56 X ¾" |
| N523-240 | Chassis to spring cage | – | PFH combo | #8-32 x ¼" |
| L583-454 | Chassis | – | PFH | #8-32 x ¾" |
| 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 | 1¾" - 2" | POH machine | #10 X 32 x 2½" |

ANSI strike screw, C603-256



Latch and strike screw, C603-897



Screw packs, standard

| Part no. | Description | Contents |
|----------|----------------------------|--------------|
| B502-517 | Latch and strike screws | (4) C603-897 |
| N123-020 | Mounting, all except ND170 | (4) C603-897 |
| | | (2) C603-256 |
| | | (2) N523-021 |
| | | (1) M504-271 |
| N123-040 | Mounting, ND170 | (2) L583-133 |
| | | (1) N523-092 |
| | | (1) A501-171 |
| | | (1) M504-271 |
| C203-736 | ANSI Strike | (2) C603-256 |

Special parts

| Part no. | Description |
|------------|---|
| XQ02-309* | 10-013 Strike, 7/8" flat lip |
| XQ03-494* | 10-013 Strike, 15/8" - 6" lip |
| | 10-013 Strike, 6 1/8" - 12" lip |
| XQ07-351* | 10-025 Strike, 7/8" flat lip |
| | 10-025 Strike, lips 7/8" through 6" (except 1 3/16", 1 3/8" and 1 1/2") |
| XC03-069 | Extension links, backsets over 5" - 42" |
| XN12-012** | Chassis spacer for 1 3/8" door (2 required) |
| 35-250 | Emergency key, ND40 |
| 35-251 | Spanner key, ND85 |

1 3/8" Chassis spacer, XN12-012**



ND40 Emergency key, 35-250



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) |

* Specify lip length.

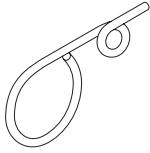
** Specify finish.

Parts and kits

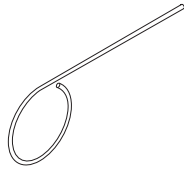
Installation tools and kits

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.

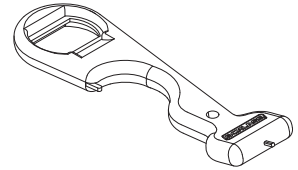
Pin wrench, N523-108



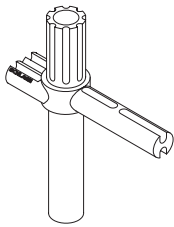
Old style pin wrench, M504-271



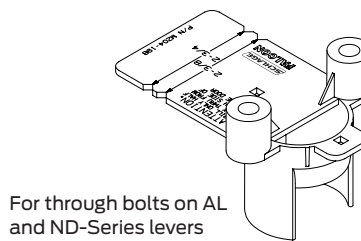
Lever removal tool, 24002693



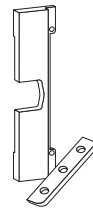
Installation tool for interchangeable core, M504-413



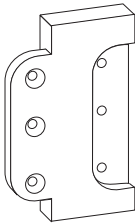
Drill fixture, M204-198



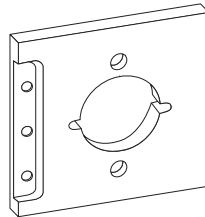
1 $\frac{3}{8}$ " thick door adapter, 40-152



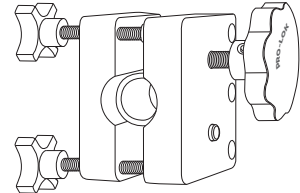
5" backset adapter, 40-153



Door template, 40-226



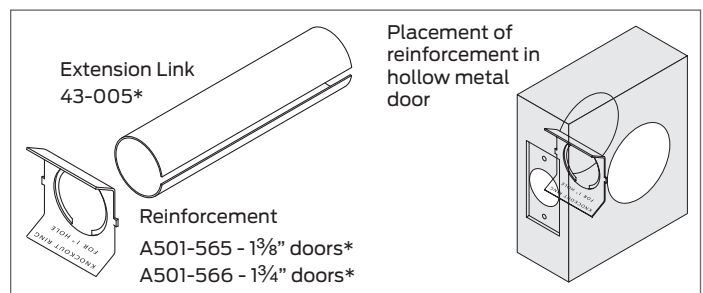
Universal clamp, 40-286



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 $\frac{3}{8}$ " or 1 $\frac{3}{4}$ " when ordering.

* Parts may be ordered separately.



Parts and kits

Installation kit 40-147

Installation kit 40-147 for locksets and deadbolts is adjustable for 2⅝" and 2¾" backsets. Includes a removable bushing adaptor for ⅞" latch hole. For door thickness 1⅜" to 2⅛".

| Part no. | Description | Part no. | Description |
|----------|------------------------|-----------|--------------------|
| 40-015 | ⅞" bit | 40-148* | Installation jig |
| 40-029 | Full lip strike chisel | 40-175 | 1" bit |
| 40-030 | 1⅛" x 2¾" latch chisel | 40-176 | 2⅛" multi spur bit |
| 40-031 | 1" x 2¼" latch chisel | 40-177 | 1½" multi spur bit |
| 40-032 | 1⅛" x 2¼" latch chisel | M504-497* | Case |
| 40-035 | ⅞" strike locator | | |

* May be ordered separately.

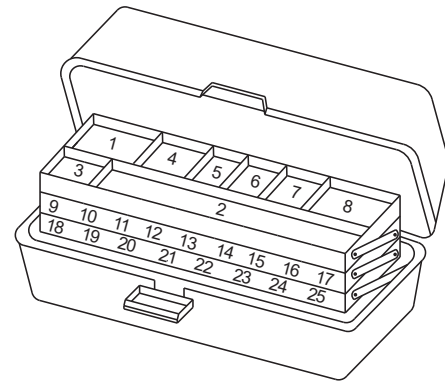


Maintenance Kit 40-097

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 |
| N123-007 | Keycam assembly | 2 | 9 |
| 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 |
| N123-086 | Plunger assembly | 5 | 16 |
| N123-085 | Plunger assembly | 3 | 17 |
| N523-177 | 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, double cylinder | 2 | 24 |
| 24088544 | Housing, outside | 2 | Bottom |

| Part no. | Description | Qty | Slot no. |
|----------|---------------------------------|-----|----------|
| M504-413 | Installation tool, IC | 1 | Bottom |
| N523-218 | Spring cage assy, outside | 2 | Bottom |
| N523-221 | Spring cage assy, inside | 1 | Bottom |
| N523-222 | Spring cage assy, SFIC, I/S | 1 | Bottom |
| N523-223 | Spring cage assy, dummy | 1 | Bottom |
| N523-224 | Spring cage assy, outside, comp | 1 | Bottom |
| N523-225 | Spring cage assy, inside, comp | 1 | Bottom |
| P515-181 | Component sheet | 1 | Bottom |



Electrified locks

ND-Series EL, electrically locked (fail safe)

Outside knob/lever or both outside and inside knobs/levers (depending on function) will lock when power is applied. In the event of power failure, the opening will be unlocked.

ND-Series EL, electrically unlocked (fail secure)

Outside knob/lever or both outside and inside knobs/levers (depending on function) will unlock when power is applied. In the event of power failure, the opening will be locked.

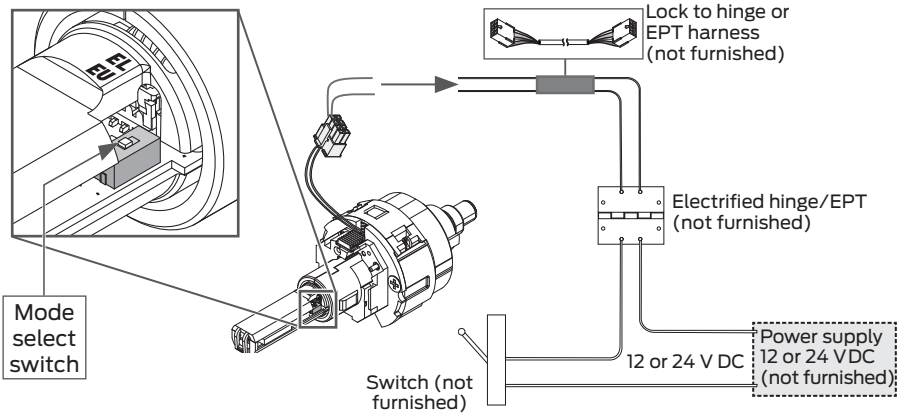
Electrical requirements

ND-Series electrified locks are powered by DC power only. DO NOT USE AC POWER.

- Voltage: 12 or 24 V DC (maximum 26.4 V, minimum 10.8 V)
- Holding current: 10 mA
- Peak current: 230 mA
- Operating temperature: 32°F to 120°F (0°C to 49°C)
- All power requirements shown are for single lock operation.

| Maximum Total Wire Length | | | | | | |
|---------------------------|------|---------------------|----------------|----------------|----------------|----|
| | | AWG | 14 | 16 | 18 | 20 |
| Voltage | 12 V | 500' (152 m) | 300' (91 m) | 200' (61 m) | 100' (30 m) | |
| | 24 V | Up to 1000' (304 m) | | | | |

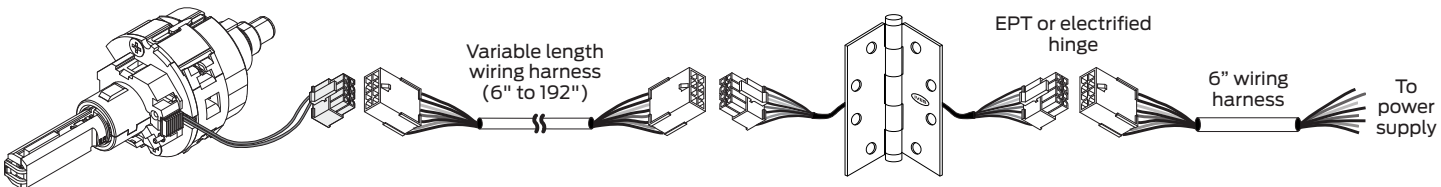
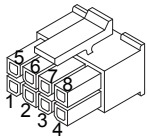
Note: Either lock wire may be attached to either power supply terminal (+ or -).



Allegion Connect

Allegion Connect, a factory-installed Molex® connector system, provides simplified installation and maintenance utilizing quick-connect harnesses and hinges. Alternatively, the Molex connector may be cut off and the lock installed with traditional wire splicing methods.

| WIRE COLOR AND FUNCTION | | |
|-------------------------|--------|---|
| Pin | Color | Function |
| 1 | Black | Power (auto detects GND, +12 or +24 V DC) |
| 2 | Red | Power (auto detects GND, +12 or +24 V DC) |
| 3 | Purple | RX NO (normally open) |
| 4 | Grey | RX NC (normally closed) |
| 5 | White | RX COM (common for RX) |
| 6, 7, 8 | | Not used |



Request-to-exit feature

Attach wires from the RX switch wire harness to an electrified hinge/EPT (not furnished). Refer to **Allegion Connect** on page 105 for wire identification.

Diagram illustrating the connection of the RX wire harness to the RX harness screw. The RX wire harness is shown being inserted into the RX harness screw.

Technical drawing of a latch assembly showing dimensions and drill hole locations. The drawing includes a central circular component with a horizontal centerline and a vertical centerline. Dimensions are provided in inches and millimeters.

Key dimensions and features:

- Top and bottom circular features: $\frac{5}{16}"$ (8 mm) diameter.
- Left side feature: Latch $\frac{1}{8}"$ (35 mm) height.
- Top and bottom horizontal dimensions: $\frac{11}{16}"$ (17 mm).
- Top and bottom vertical dimensions: $\frac{13}{16}"$ (21 mm).
- Right side horizontal dimensions: $2\frac{5}{8}"$ (67 mm) and $\frac{3}{4}"$ (19 mm).
- Right side vertical dimensions: $\frac{3}{8}"$ (10 mm).
- Drill holes: LH or RHR $\frac{7}{8}"$ (22 mm) drill thru (top right) and RH or LHR $\frac{7}{8}"$ (22 mm) drill thru (bottom right).
- Internal features: RX (top right) and RX (bottom right).

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 |
| 619 | (US 15) | Satin nickel, clear coated |

| Schlage code | BHMA | Description |
|--------------|----------|---|
| 622 | (US 19) | Matte black |
| 625 | (US 26) | Bright chromium plated, no coating |
| 626 | (US 26D) | Satin chromium plated, no coating |
| 626AM | | Antimicrobial coating on satin chromium |
| 643e | (US 11) | Aged bronze |

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 ³ / ₈ ", 214=2 ¹ / ₄ ", 212=2 ¹ / 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 three-year limited warranty and one year limited electromechanical 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®.

For more, visit www.allegion.com.

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