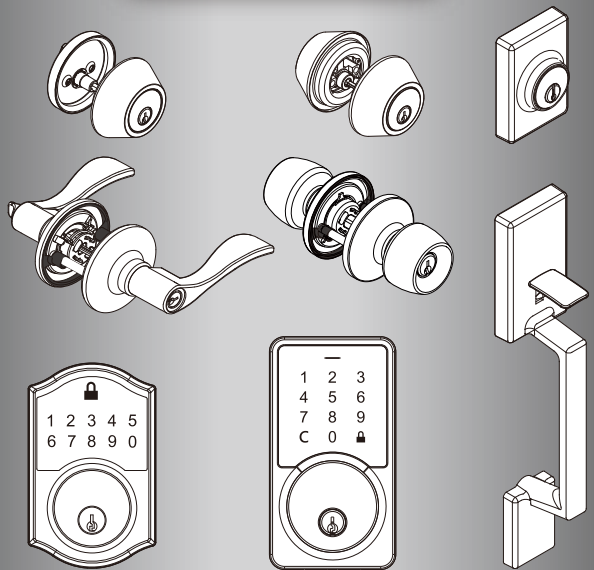
DEFIANT®



Français p.36

Español p.71

REKEYING INSTRUCTION

Tubular Knobset
Tubular Leverset
Electronic Lock
Deadbolt/Handleset Deadbolt

IMPORTANT

Before rekeying any lock, please read this manual carefully to fully understand the procedures required. Please retain the manual for future reference.

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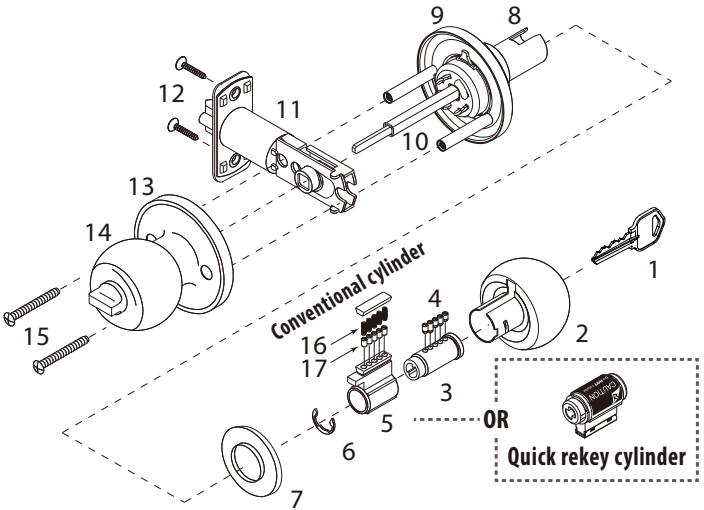
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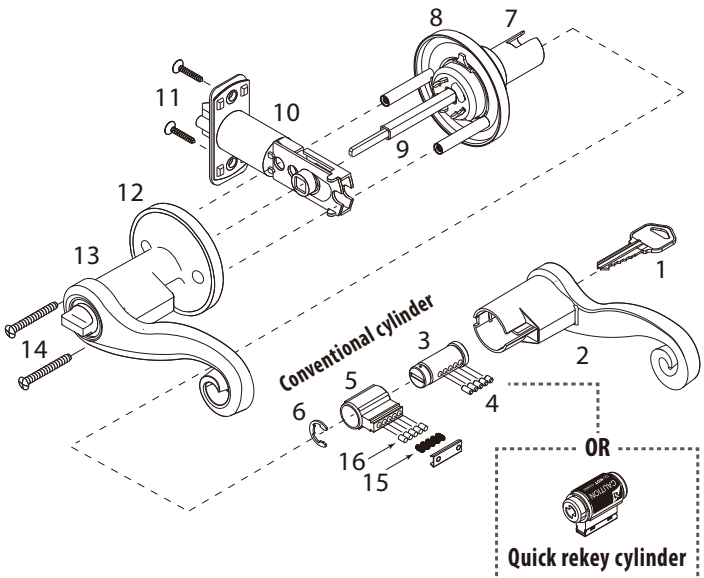
1. TUBULAR LOCKSET

1.1 Knobset Components



(1) Key
(2) Exterior Knob
(3) Cylinder Plug
(4) Bottom Pin
(5) Cylinder Housing
(6) C-clip
(7) Exterior Knob Rear Cap
(8) Knob Shaft
(9) Exterior Rose Assembly
(10) Spindle
(11) Latch
(12) Wood Screw
(13) Interior Rose
(14) Interior Knob
(15) Mounting Screw
(16) Pin Spring
(17) Top Pin

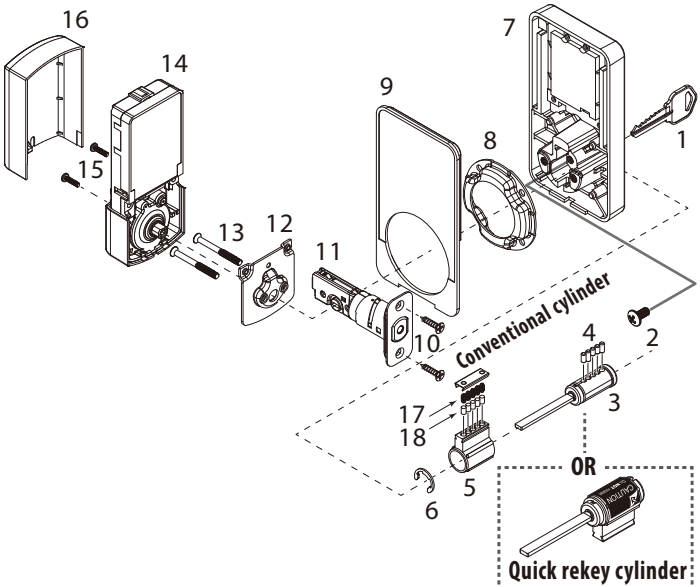
1. TUBULAR LOCKSET
1.2 Leverset Components



(1) Key
(2) Exterior Lever
(3) Cylinder Plug
(4) Bottom Pin
(5) Cylinder Housing
(6) C-clip
(7) Lever Shaft
(8) Exterior Rose Assembly
(9) Spindle
(10) Latch
(11) Wood Screw
(12) Interior Rose
(13) Interior Lever
(14) Mounting Screw
(15) Pin Spring
(16) Top Pin

1. ELECTRONIC LOCKSET

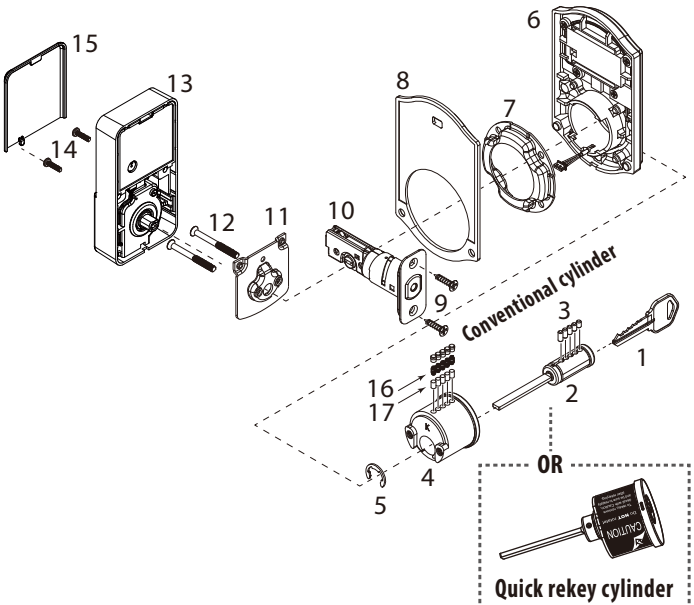
1.3 Electronic Smart Deadbolt Components



(1) Key
(2) Cylinder Housing Screw
(3) Cylinder Plug
(4) Bottom Pin
(5) Cylinder Housing
(6) C-clip
(7) Exterior Assembly
(8) Adapter Collar
(9) Exterior Gasket
(10) Wood Screw
(11) Latch
(12) Mounting Plate
(13) Mounting Bolt
(14) Interior Assembly
(15) Screw
(16) Battery Cover
(17) Pin Spring
(18) Top Pin

1. ELECTRONIC LOCKSET

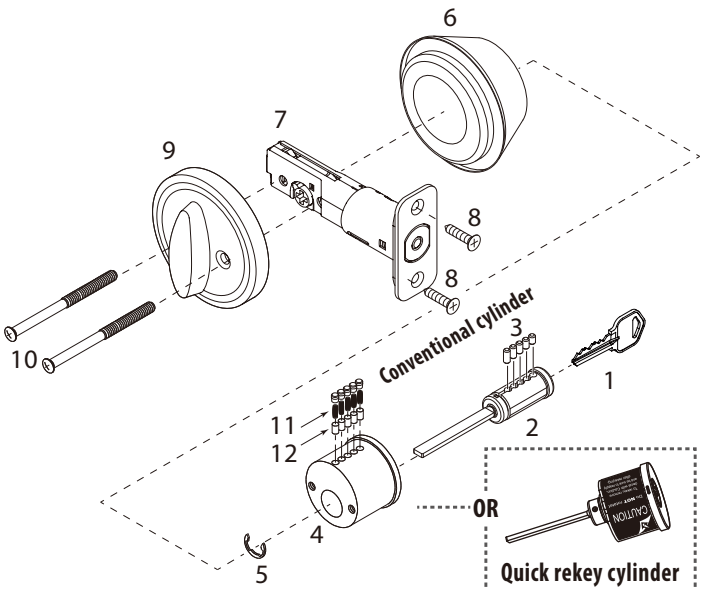
1.4 Eletctronic Touchpad Deadbolt Components



(1) Key
(2) Cylinder Plug
(3) Bottom Pin
(4) Cylinder Housing
(5) C-clip
(6) Exterior Assembly
(7) Adapter Collar
(8) Exterior Gasket
(9) Wood Screw
(10) Latch
(11) Mounting Plate
(12) Mounting Bolt
(13) Interior Assembly
(14) Screw
(15) Battery Cover
(16) Pin Spring
(17) Top Pin

1. DEADBOLT

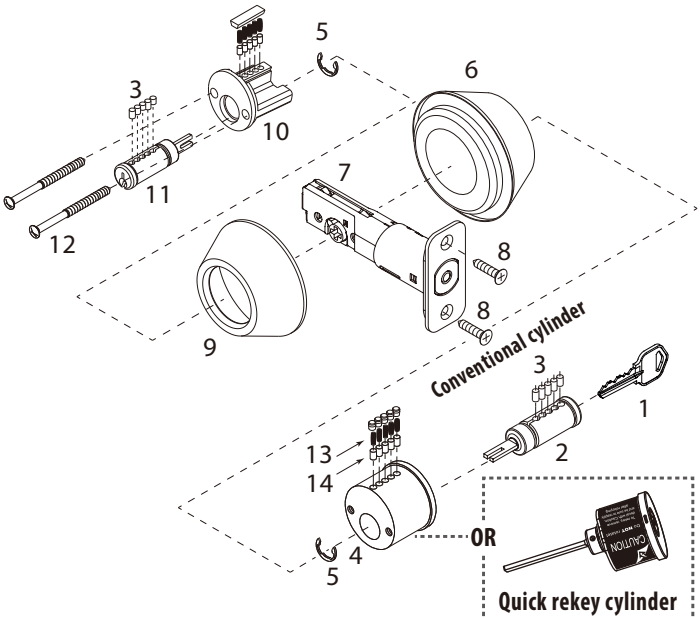
1.5 Single Cylinder Deadbolt Components



(1) Key
(2) Cylinder Plug
(3) Bottom Pin
(4) Cylinder Housing
(5) C-clip
(6) Exterior Cylinder Guard
(7) Deadbolt Latch
(8) Wood Screw
(9) Interior Thumb Turn
(10) Mounting Screw
(11) Pin Spring
(12) Top Pin

1. DEADBOLT

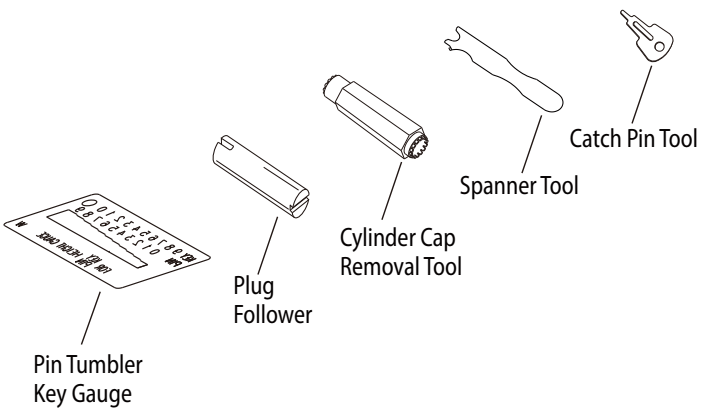
1.6 Double Cylinder Deadbolt Components

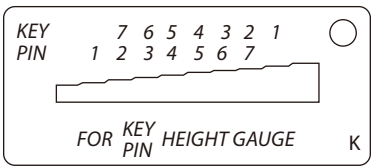


(1) Key
(2) Cylinder Plug
(3) Bottom Pin
(4) Exterior Cylinder Housing
(5) C-clip
(6) Exterior Cylinder Guard
(7) Deadbolt Latch
(8) Wood Screw
(9) Interior Cylinder Guard
(10) Interior Cylinder Housing
(11) Cylinder Plug
(12) Mounting Screw
(13) Pin Spring
(14) Top Pin

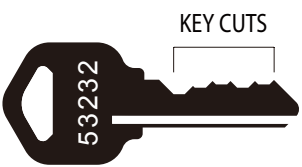
2. REKEYING KIT

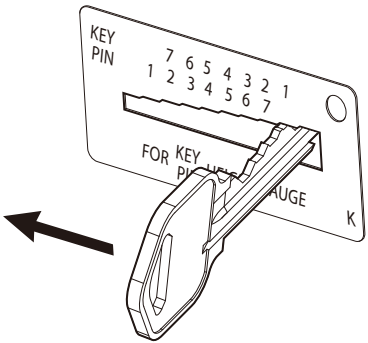
This Rekeying Kit contains assorted pins, springs, C-clip and tools needed for tubular lockset, deadbolt, cylindrical lockset, handleset and electronic lock.




KEY
PIN
7 6 5 4 3 2 1
1 2 3 4 5 6 7
FOR KEY PIN HEIGHT GAUGE
K

KEY GAUGE


KEY CUTS
53232



Insert the key with the cuts facing upward into the key gauge opening positioned near the « 1. »

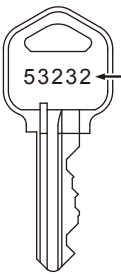
Advance the key to the initial cut or notch closest to the key bow. Shift the key to the left until it comes to a halt at a specific number.

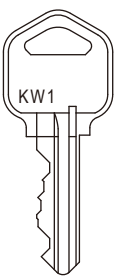
Record the identified number and continue to the subsequent cut.

Continue this process until each cut aligns with a respective number, progressing from the key's bow to its tip.

The resulting series of five or six digits represents the key combination, also known as the « bitting. »

2.1 Getting the new KW1 key ready



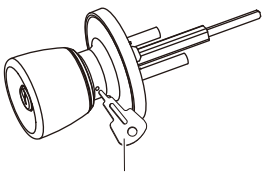


Determine the bitting code of the new key.
The bitting code is the sequence of cut depths.
The different bitting code will be on original keys.

3. TUBULAR LOCKSET DISASSEMBLY

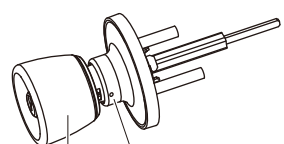
1. Insert key. Turn key to unlock, and pull out the key.

2. For knob, if you see the knob catch through the small hole on the rose neck, then use the catch tool to depress knob catch to pop knob off the shaft.



Knob Catch Tool

If you do not see the knob catch, then turn the knob until the knob catch becomes visible through the small hole on the rose neck. Use the catch tool to depress knob catch to pop knob off the shaft.

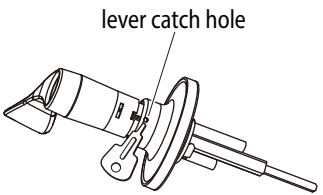


knob catch hole

outside knob

or

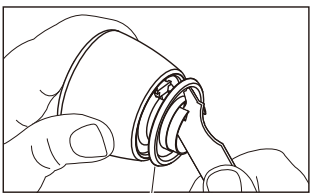
2. For lever, you will see the lever catch through the small hole on the rose neck. Apply the catch tool to depress the lever catch to pop lever off the shaft.



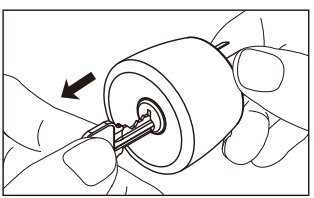
lever catch hole

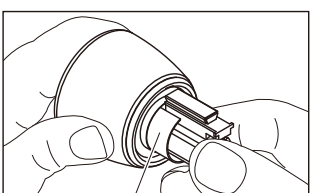
3. Pull the knob/lever from the shaft.
   Summary:
   Turn, Pop and Pull removes the knob/lever.

4. Use spanner tool to remove the rear cap from the knob.



5. Pull out the key and then remove cylinder plug assembly.

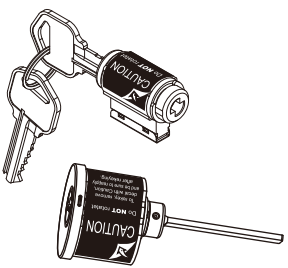




4. IDENTIFY THE CYLINDER TYPE BEFORE REKEYING THE LOCKS

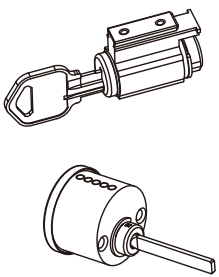
or

Quick rekey cylinder
(Taped with red sticker)



*See Section **06** (pages **18**~**24**)*
for Quick rekey cylinder
rekeying instruction

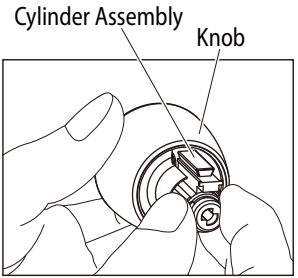
Conventional cylinder
(Capped with a metal cap)



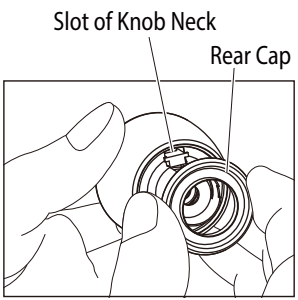
*See Section **07** (pages **26**~**35**)*
for Conventional cylinder
rekeying instruction

5. LOCKSET RE-ASSEMLY

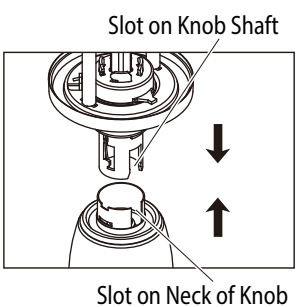
1. Insert cylinder assembly into outside knob/lever.



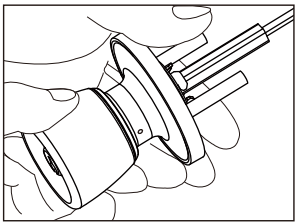
2. Slide rear cap onto knob neck and snap into place.



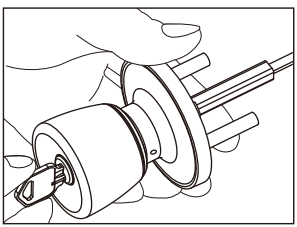
3. Align slot of the knob/lever neck and shaft then push the outside knob/lever over the shaft until the knob/lever is held in place by the knob/lever catch.



4. Turn knob/lever to check if unit functions properly and that knob is secured to unit.

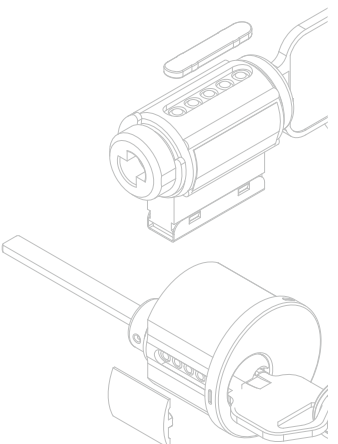


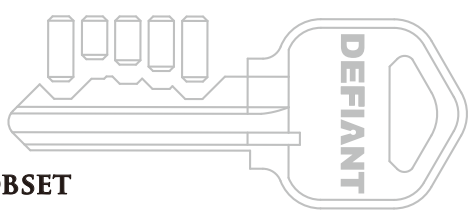
5. Insert the key again to check if the unit can be locked and unlocked with the key properly.



REKEYING
QUICK REKEY CYLINDER







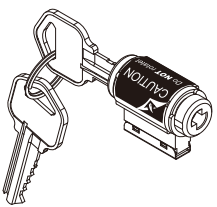
Tubular Knobset
Tubular Leverset
Electronic Lockset
Deadbolt/Handleset Deadbolt

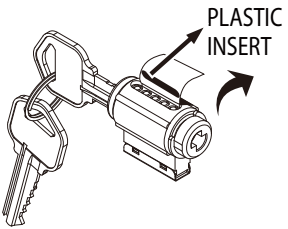
Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.

6. HOW TO REKEY

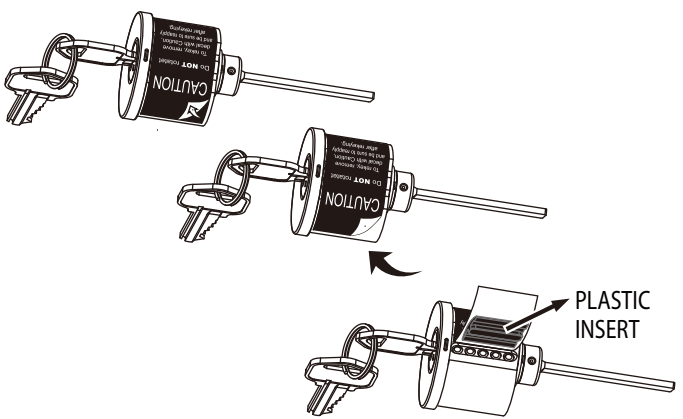
6.1 Remove Pins

Peel decal back **HALF WAY** to expose the black insert.
Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.





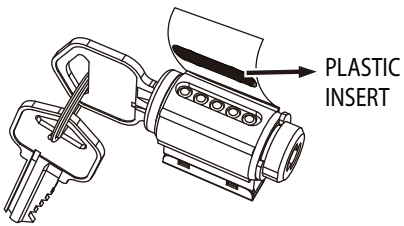
or



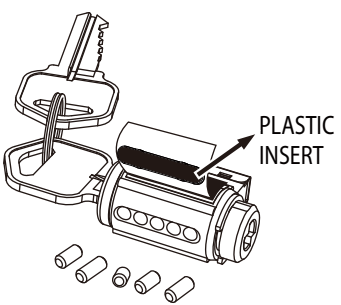
Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.

6.2 Insert New Pins

Insert original key into the cylinder and rotate 1/2 turn (180˚) until the pins are visible through the holes at the bottom of the cylinder.



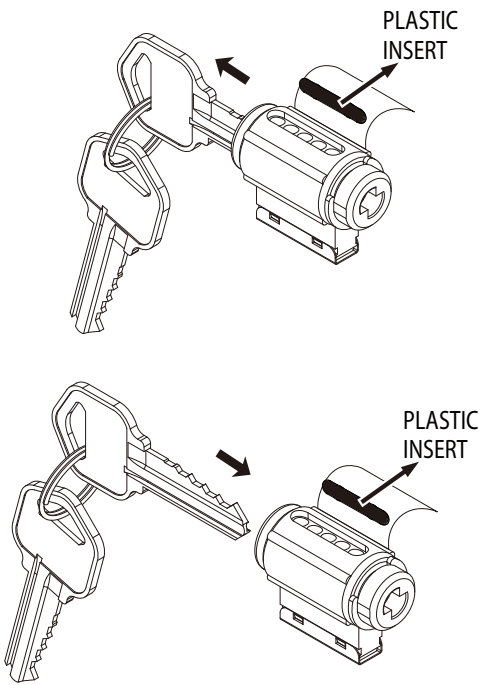
Dump the pins out. It may be helpful to move the key slightly back and forth to help eject the pins .



Do not turn the cylinder when the pins have been ejected.

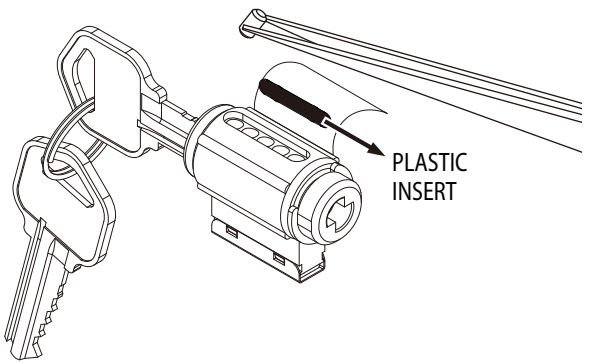
Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.

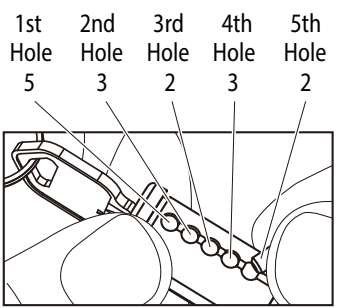
Take out old key and insert new key.



Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.

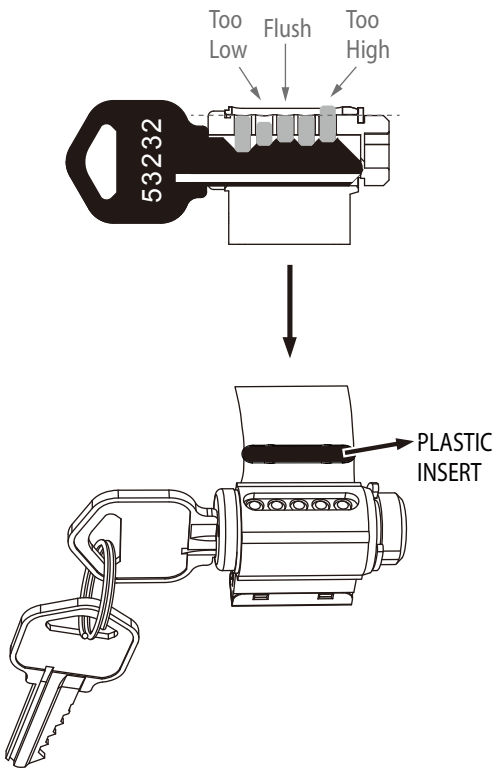
Put in the new bitting pins in sequences following the new key number. For example, if the bitting code is 53232...insert pin #5 into the first hole, pin #3 into the second hole, and pin #2 into the third hole, and likewise for the remaining chambers.





Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.

Confirm that each inserted pin is flush with the PLUG diameter not exceding the outer shell.



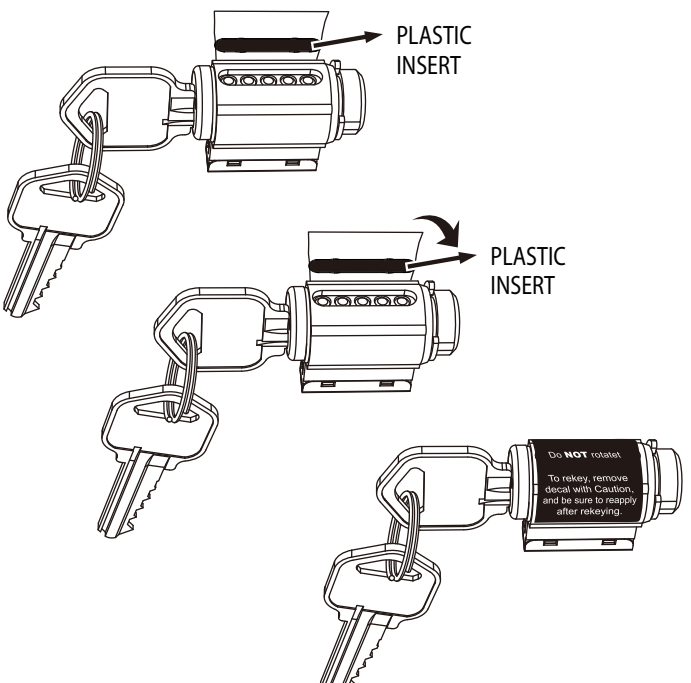
Avoid touching the adhesive part of the sticker with your fingers to prevent the sticker from losing its stickiness.

6.3 Test and Complete

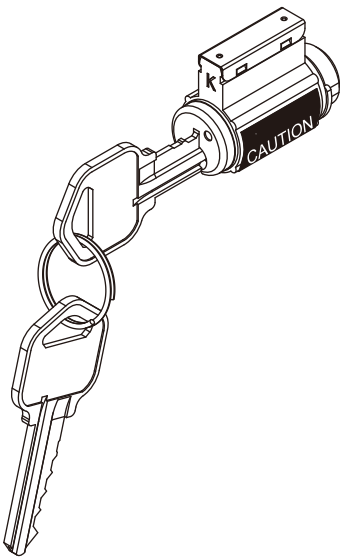
When the correct pins are in place, test the pins by rotating the key slightly to test if the pins are flush.

Re-stick the decal as it original is to complete.

Plastic insert make sure it fits the contour of the cylinder.

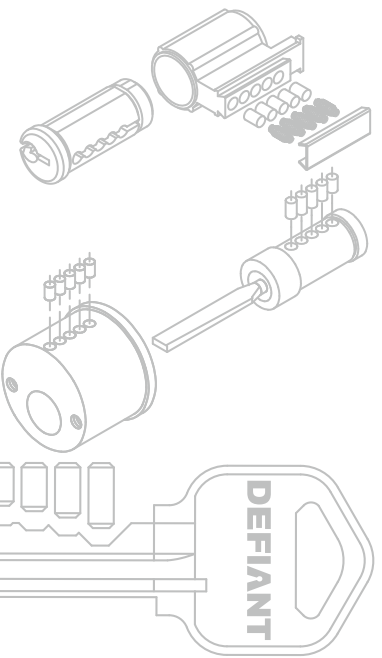


Rotate the Cylinder back 1/2 turn (180˚) and remove the key.



REKEYING CONVENTIONAL CYLINDER



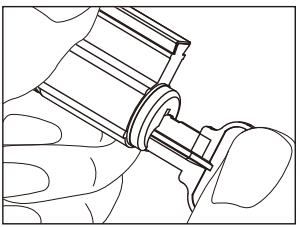


Tubular Knobset
Tubular Leverset
Electronic Lockset
Deadbolt/Handleset Deadbolt

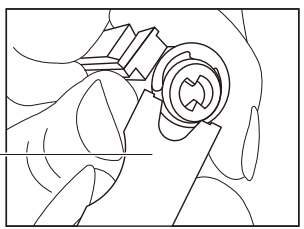
7. HOW TO REKEY

*See page **12~13 for lockset disassembiy***

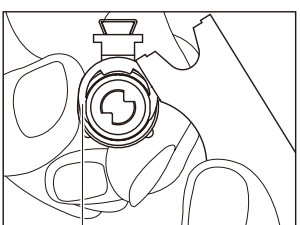
1. Insert the key again into the cylinder plug.

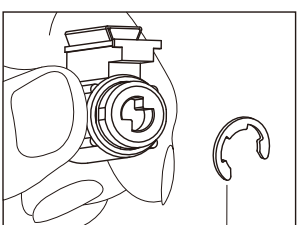


2. Use end of spanner tool to push off the C-clip.

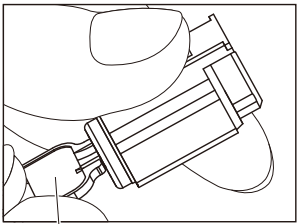


3. Remove the C-clip with the hook on the spanner tool.





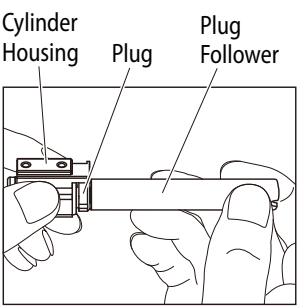
4. Turn key 45º - 90º left or right.



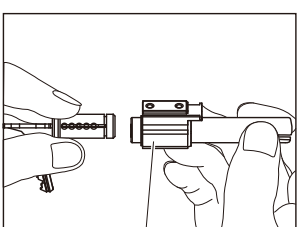
5. Insert plug follower to push plug out of cylinder housing.

Note:
2 slots on plug follower head should always be kept horizontal before inserting the follower.

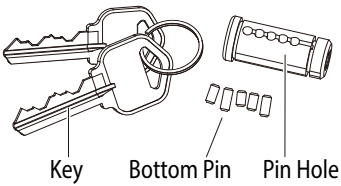
Caution:
Do not pull the plug follower out from cylinder housing. Maintain contact between plug and follower until the plug is removed, otherwise top pins and springs will fall out.



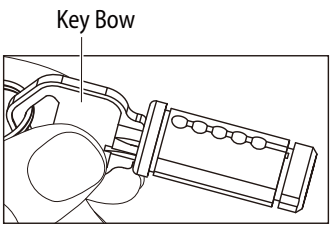
Keep slots on follower head horizontal



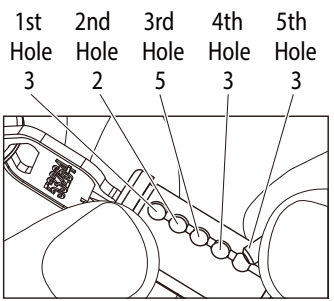
6. Pull out key and remove bottom pins out of pin holes.



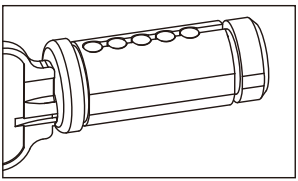
7. Insert new key.
Read the number stamped on key bow, for example, 32533.



8. Pick a bottom pin #3 from keying kit and load it into 1st hole next to key bow, load a bottom pin #2 into 2nd hole, bottom pin #5 into 3rd hole, bottom pin #3 into 4th hole and bottom pin #3 into 5th hole.



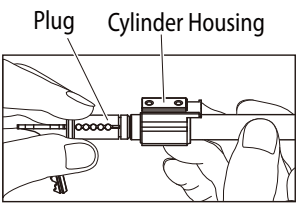
9. Make sure all pins are flush with surface of the plug with the key inserted.



10. Turn key 45º - 90º and insert cylinder plug back into cylinder housing.

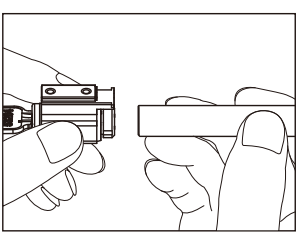
    (Slots on follower end should always be kept horizontal to avoid pins from being trapped)

    Note:
    The key should be kept inside the plug.

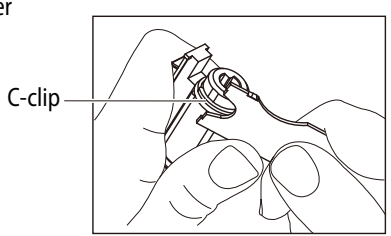


11. Push plug follower out by using the cylinder plug only.

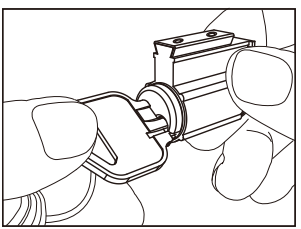
    Maintain contact between cylinder plug and follower at all times.



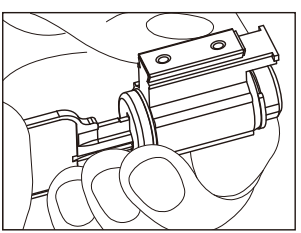
12. Snap C-clip back to the cylinder plug by using spanner tool.



13. Test the new key to check if cylinder plug rotates smoothly against cylinder housing without interference.



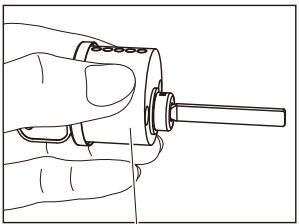
14. Pull out the key.



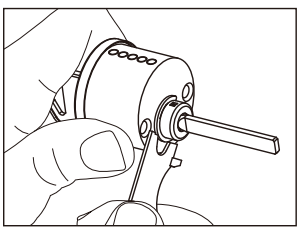
8. DEADBOLT/Handleset Deadbolt

8.1 Lockset Disassembly, Rekeying, Assembly

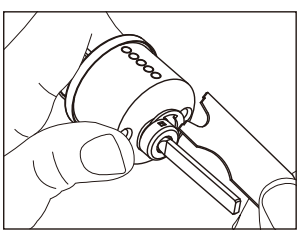
1. Disassemble deadbolt/handleset, remove cylinder housing from cylinder guard, insert the key.



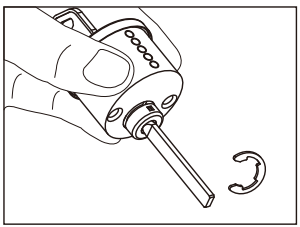
2. Use end of spanner tool to push off the C-clip.

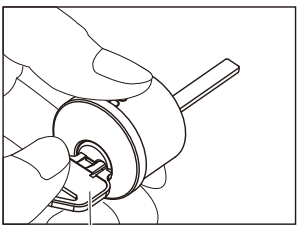


Remove the C-clip with the hook on the spanner tool.



3. Turn key 45º - 90º left or right.

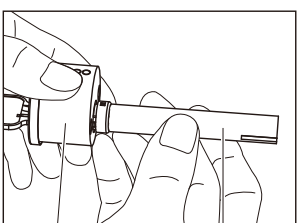




Key

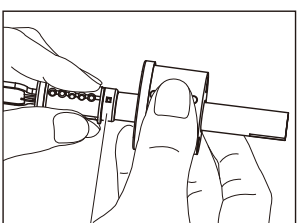
4. Insert plug follower over cylinders tail piece to push cylinder plug out of cylinder housing.

(<u>Note: 2</u> slots on follower should always be kept horizontal before inserting the follower.)



Cylinder Housing

Plug Follower

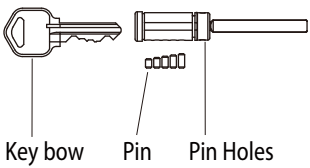


Cylinder Plug

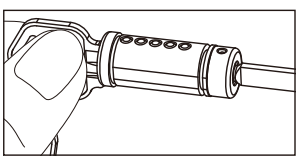
<u>Caution:</u>

Do not pull the plug follower out from cylinder housing. Maintain contact between plug and follower until the cylinder plug is removed, otherwise top pins and springs will fall out.

5. Pull out key and remove bottom pins out of cylinder plug holes.

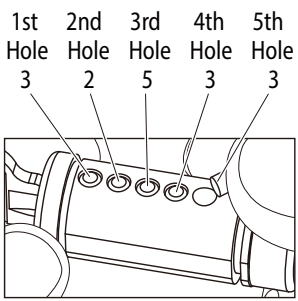


6. Insert the new key.
Read the number stamped on key bow, for example, 32533.

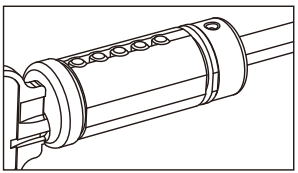


Key number is stamped on key bow

7. Pick a bottom pin #3 from keying kit and load it into 1st hole next to key bow, load a bottom pin #2 into 2nd hole, bottom pin #5 into 3rd hole, bottom pin #3 into 4th hole and bottom pin #3 into 5th hole.

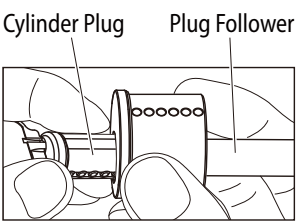


8. Make sure all pins are flush with surface of the plug with the key inserted.



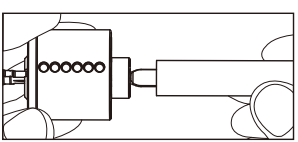
9. Turn key 45º - 90º insert cylinder plug back into cylinder housing.

(Slots on follower end should always be kept horizontal to avoid pins from being trapped)

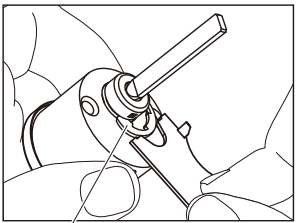


10. Push plug follower out using the cylinder plug only.

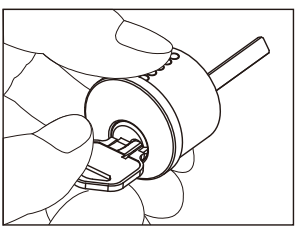
Maintain contact between cylinder plug and follower at all times.



11. Snap C-clip back to the plug. Secure C-clip firmly in place by using spanner tool.



12. Test the new key to check if cylinder plug rotates smoothly against cylinder without interference.



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