How to Rekey Your Lockset

BRINKS HOME SECURITY
Pinning Kit #893-00271

1 Getting the New KW1 Key Ready

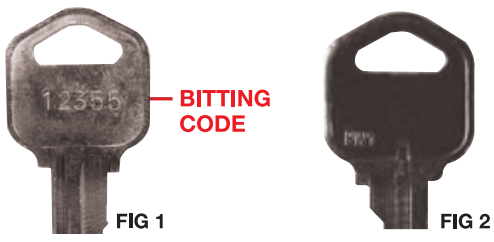


FIG 1 FIG 2

Determine the bitting code of the new key. The bitting code is the sequence of cut depths.
The different bitting code will be on the original keys. Otherwise, use a KEY DECODER to determine the bitting code.

2 Using the KEY DECODER

To use the KEY DECODER to determine the bitting code of the key...Insert the key through the large end of the cutout until the first key cut (closest to the head of the key) is aligned with the KEY DECODER.

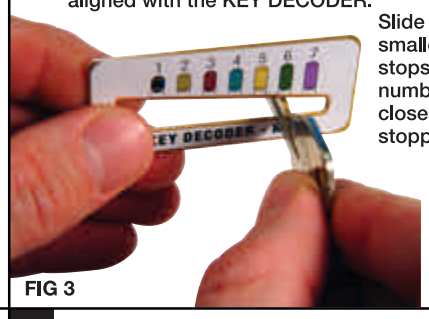


FIG 3

Slide the key towards the smaller end until the key stops and note the pin number directly above or closest to where the key stopped.

Record the pin number. This number is also the cut depth. Repeat for the remaining cuts on the key.

3 Unlocking the Lock Assembly

Make sure the lockset is UNLOCKED. The lockset can be unlocked by using the key (FIG 4) or by turning the flat blade coming out of the center drive shaft (FIG 5).

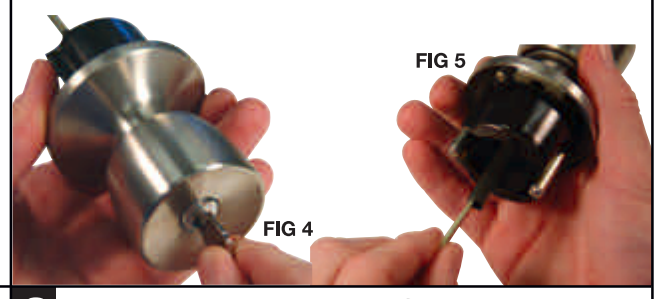


FIG 4 FIG 5

4 Removing the Knob From the Lock Assembly

FIG 6

FIG 7

Turn the knob until the release button is visible through the hole at the base of the knob (FIG 6).
Using a small screwdriver, depress the release button while applying a slight pulling force on the knob (FIG 7).

5 Removing the Knob From the Lock Assembly (Cont.)

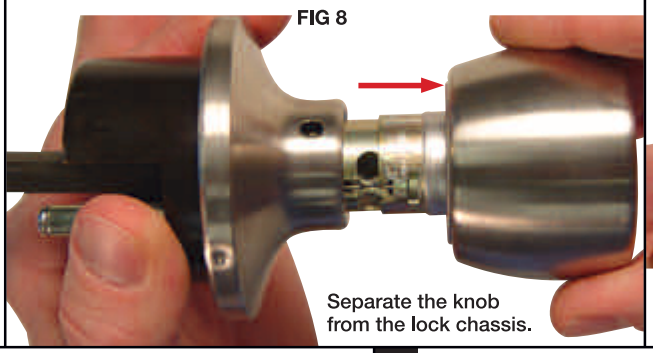


FIG 8

Separate the knob from the lock chassis.

6 Removing the Cylinder From the Knob Assembly

Remove the Knob Cylinder Cover Plate (FIG 9, FIG 10, FIG 11).

Carefully remove the cylinder from the knob (FIG 12).

FIG 9 FIG 10 FIG 11 FIG 12

7 Removing the Decal From the Cylinder

Remove the decal and the plastic insert that covers the pins in the bottom slot (FIG 13 & FIG 14).

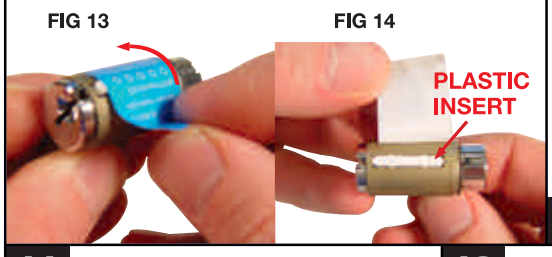


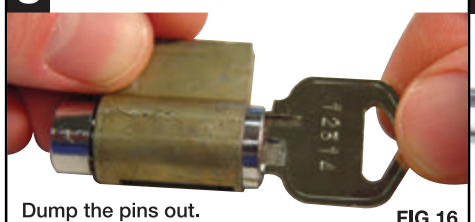
FIG 13 FIG 14

8 Inserting the Original Key

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 (FIG 15).

FIG 15

9 Removing the Original Pins



Dump the pins out. FIG 16

It may be helpful to move the key slightly back and forth to help eject the pins (FIG 16).

10 Measuring the New Pins

Use the Key Decoder to confirm the lengths of the new pins. Lay out the pins in the order of the bitting code.

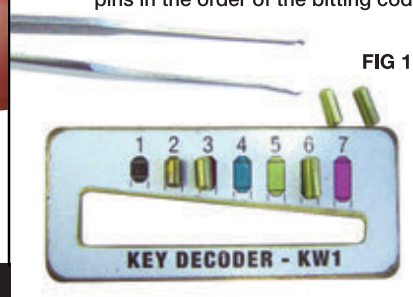


FIG 17

You Don't Have To Take Apart The Bottom Loaded Cylinder

11 Inserting the New Key

Remove the key and insert the new key into the cylinder (FIG 18).

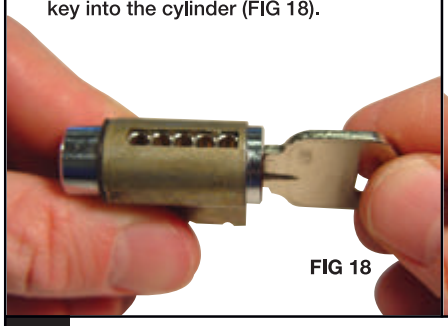


FIG 18

12 Inserting the New Pins

Insert the correct length pin into each hole. Using the bitting code, insert the correct pin into each hole in the plug.

For example, if the bitting code is 43664...insert pin #4 into the first hole, pin #3 into the second hole, and pin #6 into the third hole, and likewise for the remaining chambers.

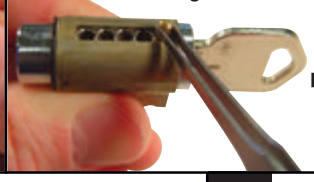


FIG 19

13 Checking the New Pins

FIG 20

Confirm that each inserted pin is flush with the PLUG diameter not with the outer shell (as shown in FIG 21 & 21A)

If the correct length pins are used, the plug should rotate easily in the cylinder shell.
If the inserted pin(s) are not flush with the plug diameter, dump out that pin(s) and...

- Make sure that the correct pin length was used.
- Make sure that the key was cut to proper depth.

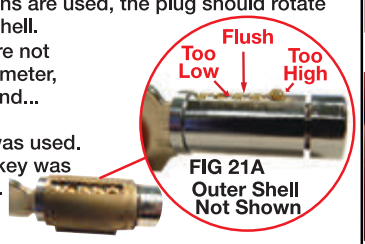


FIG 21 FIG 21A Outer Shell Not Shown

14 Replacing the Decal

Replace the plastic insert in the slot in the cylinder (FIG 22).

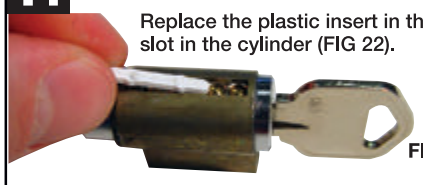


FIG 22

Replace the blue decal over the plastic insert (FIG 23).

FIG 23

15 Removing the New Key

Rotate the Cylinder back 1/2 turn (180˚) and remove the key (FIG 24).

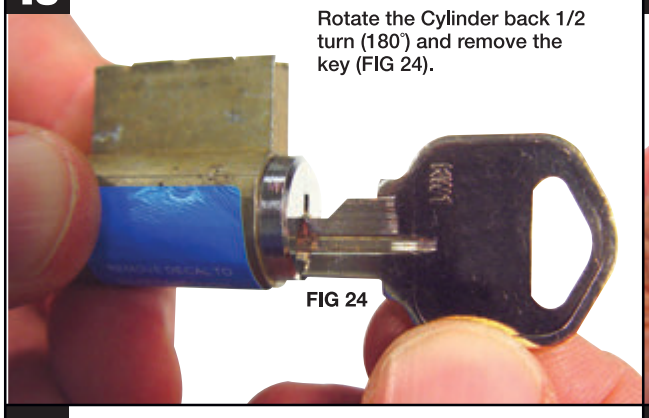


FIG 24

16 Lubricating the Cylinder

For smoother operation, it may be necessary to lubricate the cylinder assembly. A dry film lubricant is recommended, instead of graphite powder or wet spray lubricants. (FIG 25).

FIG 25

17 Assembling the Knob

Carefully insert the cylinder back into the knob (FIG 26).

FIG 26

Replace the Knob Cylinder Cover Plate back onto the knob (FIG 27).

FIG 27

18 Assembling the Knob (Cont.)

Insert the stem of the lock chassis into the knob making sure that the arrow on the knob stem is aligned with the arrow on the chassis stem. This insures that...

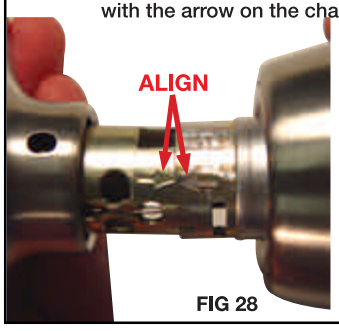


FIG 28

- The Release Button in the lock chassis is aligned with the Release Button Hole in the stem of the knob. (FIG 28).
- The slot in the stem of the lock chassis is aligned with the flat, top portion of the cylinder.

19 Assembling the Knob (Cont.)

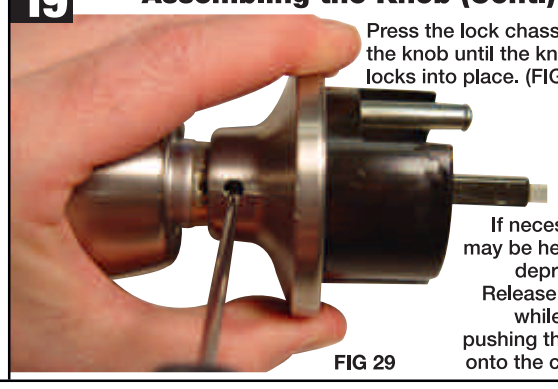


FIG 29

Press the lock chassis into the knob until the knob locks into place. (FIG 29).

Note: If necessary, it may be helpful to depress the Release Button while gently pushing the knob onto the chassis.

20 Checking the Lockset Operation

Insert the new key and confirm that the lockset is fully operational. (FIG 30).

FIG 30

CONGRATULATIONS!!! You have successfully rekeyed your lockset and it is ready to be installed.

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How to Rekey Your Deadbolt

BRINKS HOME SECURITY
Pinning Kit #893-00271

1 Getting the New KW1 Key Ready

FIG 1


FIG 2

Determine the bitting code of the new key. The bitting code is the sequence of cut depths.
The different bitting code will be on the original keys. Otherwise, use a KEY DECODER to determine the bitting code.

2 Using the KEY DECODER

To use the KEY DECODER to determine the bitting code of the key...Insert the key through the large end of the cutout until the first key cut (closest to the head of the key) is aligned with the KEY DECODER.

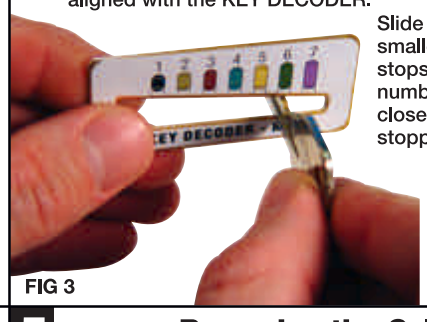
FIG 3

Slide the key towards the smaller end until the key stops and note the pin number directly above or closest to where the key stopped.

Record the pin number. This number is also the cut depth. Repeat for the remaining cuts on the key.

3 Removing the Retaining Screw from the Housing

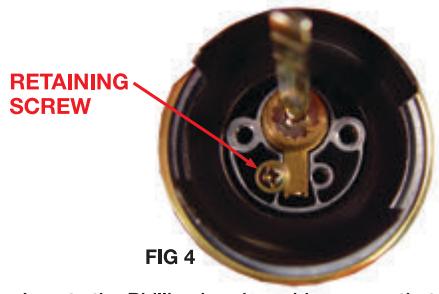

FIG 4

Locate the Phillips head machine screw that retains the cylinder in the deadbolt housing.

4 Removing the Retaining Screw from the Housing (Cont.)

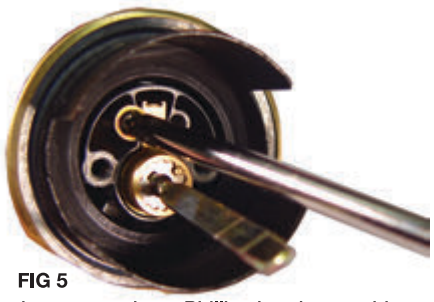
FIG 5

Remove the screw using a Phillips head screwdriver and set the screw aside.

5 Removing the Cylinder From the Housing

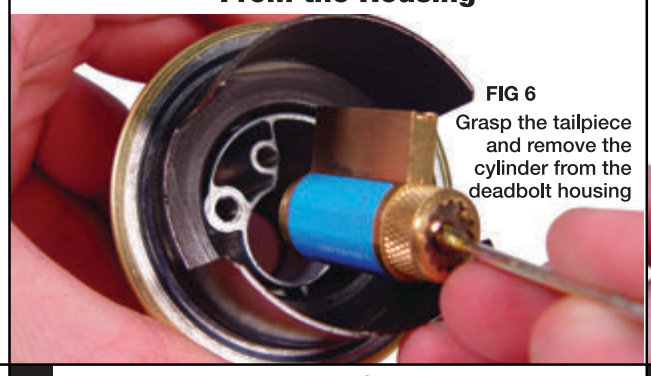
FIG 6

Grasp the tailpiece and remove the cylinder from the deadbolt housing

6 Removing the Decal from the Cylinder

Remove the decal that covers the plastic insert. Set the decal aside.

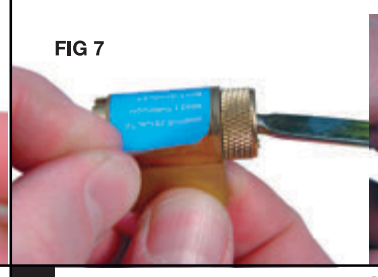
FIG 7

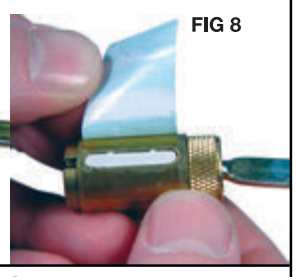
FIG 8

7 Removing the Decal From the Cylinder (Cont.)


FIG 9

Remove the plastic insert from the slot and set aside

8 Inserting the Original Key

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 (FIG 10).

FIG 10

9 Removing the Original Pins

FIG 11

Dump the pins out. It may be helpful to move the key slightly back and forth to help eject the pins (FIG 11).

You Don't Have To Take Apart The Bottom Loaded Cylinder

10 Measuring the New Pins

Use the Key Decoder to confirm the lengths of the new pins. Lay out the pins in the order of the bitting code.

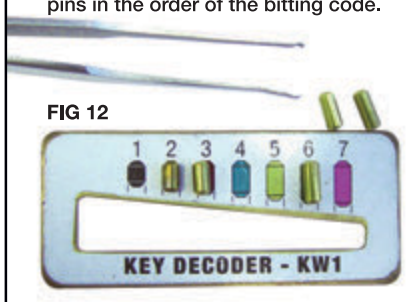

FIG 12

11 Inserting the New Key & Pins

Insert the new key and then insert the correct length pin into each hole. Using the bitting code, insert the correct pin into each hole in the plug.

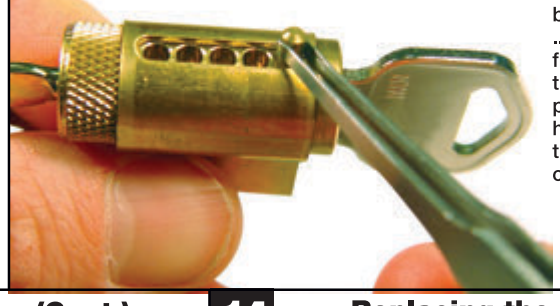
FIG 13

For example, if the bitting code is 43664 ...insert pin #4 into the first hole, pin #3 into the second hole, and pin #6 into the third hole, and likewise for the remaining chambers.

12 Checking the New Pins

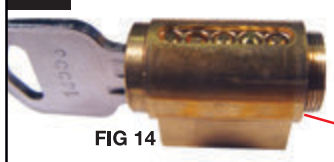
FIG 14

Confirm that each inserted pin is flush with the PLUG diameter not with the outer shell. (as shown in FIG 14 & 15)

If the correct length pins are used, the plug should rotate easily in the cylinder shell.

If the inserted pin(s) are not flush with the plug diameter, dump out that pin(s) and...

- Make sure that the correct pin length was used.
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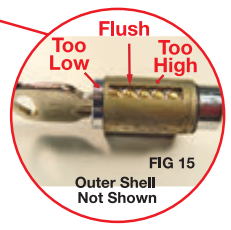

FIG 15

13 Checking the New Pins (Cont.)

When the correct pins are in place, it will look like this, and the key can rotate the plug without sticking.

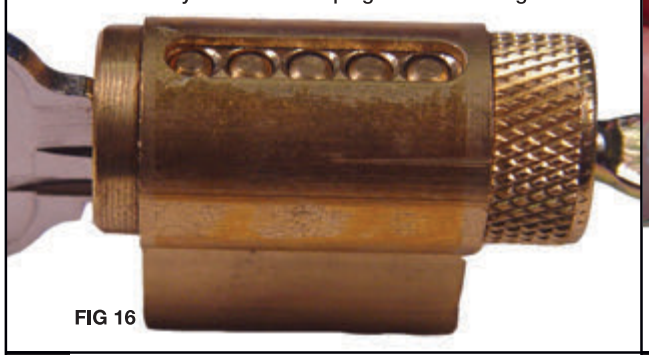
FIG 16

14 Replacing the Plastic Insert

Replace the plastic insert that was removed in Step 7.


FIG 17

15 Replacing the Decal

Replace the decal that covers the plastic insert, making sure it fits the contour of the cylinder.

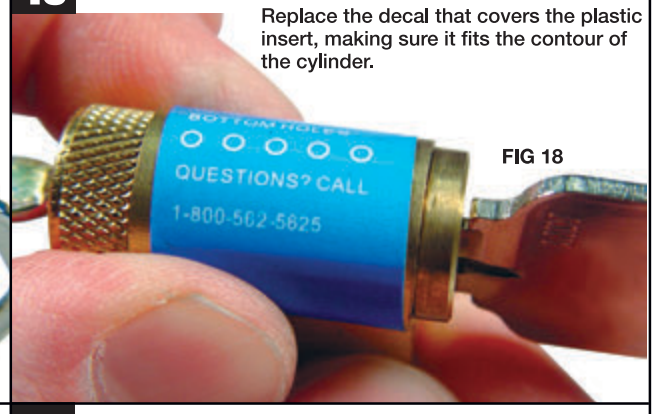

FIG 18

16 Removing the New Key

Rotate the Cylinder back 1/2 turn (180°) and remove the key (FIG 19).

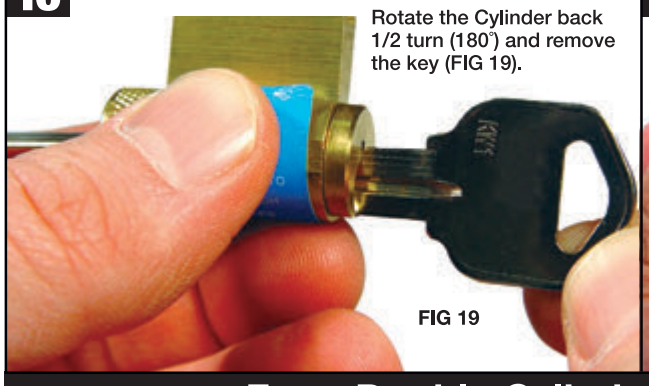
FIG 19

17 Lubricating the Cylinder

For smoother operation, it may be necessary to lubricate the cylinder assembly. A dry film lubricant is recommended, instead of graphite powder or wet spray lubricants.


FIG 20

18 Replacing the Cylinder


FIG 21

Replace the cylinder in the housing and insert the retaining screw. Check for proper function.

For a Double Cylinder Deadbolt, repeat these steps for the inside Cylinder.

CONGRATULATIONS!!! You have successfully rekeyed your deadbolt and it is ready to be installed.

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