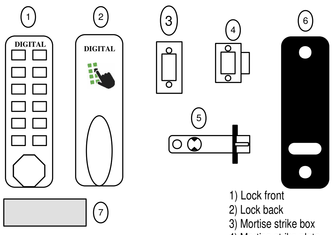
DIGITAL DOOR LOCK

2430,2430DS, 2435,2435KD, 2835, 2835DS & 2230NL Instructions

Parts list for your Digital Door Lock 2430 & 2835 series



1) Lock front
2) Lock back
3) Mortise strike box
4) Mortise strike plate
5) Mortise latch bolt 60/70mm back set
6) Protection seals for front and back
7) Pack containing
- Spindles
- fixing bolts
- Wood screws
- Tweezers
- Spare code tumblers
-Brass support pin
- Code card (factory code in your lock)
For the 2835- 2 x Handles & allen key
For the 2435KD - keys
Installation instructions, code change instructions & template for drilling

Before fitting your lock
- Check you have all the parts listed
- Change the code to your own chosen code (optional) see code change instructions
- Check the hand of opening, your lock is factory set to right hand opening you may need to change it to left, see check the hand of opening

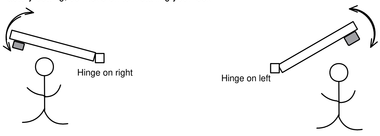
1. Check hand of opening

Your lock is factory set to right hand opening

To determine if your lock needs to be right or left hand opening stand on the side of the door you want the front/keypad to go

If the door is hinged on the right as per diagram, it is already right hand as per the factory setting, so move on to installing your lock

If your door is hinged on the left go to change the hand



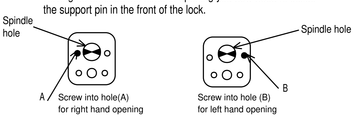
2. Changing the hand

Remove the 2 x blue screws, from reverse of lock front, lift plate off, using the tweezers move the pin to the opposite side, replace plate.

*NOTE
-With the 2430,2435 & 2435KD
Also change the hand of opening on the inside handle by moving the blue screw to the opposite side
-With the 2835
Also position the handles as required and tighten securely with the allen key provided
-With the 2430DS
The inside front body must be handed to the opposite of the outside front body

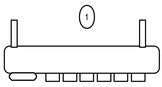
3. Installing the support pin

Having determined the hand of opening you now need to install the support pin in the front of the lock.

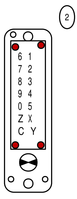


Code change instructions

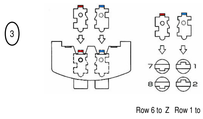
Take the lock front (if after fitting remove by undoing the 2 x fixing bolts from the lock back)
1) Turn the lock upside down



2) Remove the 4 x red screws from the plate and lift the plate off carefully



-Your code group can consist of from 4 to 6 digits
-Your code can be a mixture of both letters & numbers But must always be pre-fixed by C to clear (remember for the 2835 the Y button is the free passage button
-Although your code group is not sequential there are still over 8,000 different code groups
- The code is determined by the number of red tumblers used, blue are non-code
- To increase your code add more red tumblers, to decrease add more blue
-IMPORTANT
While removing & replacing the tumblers you must continue to depress the C button
3) Using the tweezers provided move the red & blue tumblers to set your own code



The tumblers are shaped to fit into the slots
- All the tumblers in row 6 to Z must be replaced this way as per diagram (3)
- All the tumblers in row 1 to Y must be replaced this way as per diagram (3)
- The coloured tip must be facing upward and the square cut out on the side facing the out side edge
DO NOT force the tumblers back in, SIMPLY keep the C button depressed and they will drop in, if one or more does not drop in make sure they are all positioned correctly, as per above and diagram (3)

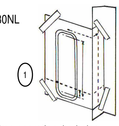
Replace the plate and test your code prior to fitting on the door.
If refitting to an existing installation ensure you reposition the spindle at the correct angle as per 'Fitting your lock'

4. Adjust latch bolt (if necessary)

The adjustable latch is preset for 60mm back set.
For 70mm back set, slide the cam assembly on the latch to 70mm.
Ensure you use the correct template for your required back set.

For the 2230NL

Use the template provided specifically for the 2230NL

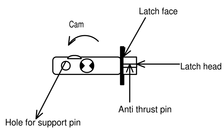


5. Fitting your lock

1) Position the template at the correct height and position

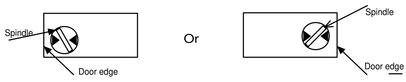
2) Drill the lock holes as per the template to ensure trouble free operation the holes should be accurate

-When mortising out for the latch bolt make sure that the 25mm mortise hole is enlarged enough (using the wood drill or a small chisel) to give clearance above the spindle hole in latch for movement of the cam



3) Insert the latch bolt into the hole, draw a line around the latch bolt face and remove it
4) Chisel out the lined space until the latch bolt face is flush with the surface of the door edge, fasten latch bolt with wood screws
5) Place the protection seals on the lock front & lock back

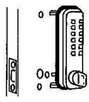
6) Choose the correct length spindle (cut to size if necessary) ensure the spindle length is long enough to fit into both the front and back of the lock
7) Place the lock front through the drilled holes, from the back insert the spindle so it lays toward the door edge, with the lock back in the closed position, place over spindle and bolt together (cut bolts to length if necessary)



For right hand opening door, hinged on right from the outside

For left hand opening door hinged on left from the outside

BEFORE CLOSING THE DOOR
check the operation of your lock front & back*

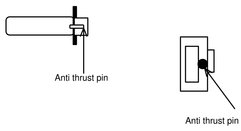


* PLEASE NOTE: Always pre-fix your code with C to clear

6. Fitting the strike

1) Close the door to see were the latch bolt head touches the door frame, and mark the frame
2) Chisel out for the strike box and the strike plate so that it is flush with the frame of the door, fasten the strike plate with the wood screws

IMPORTANT
The anti thrust pin on the latch head must not go into the strike plate hole, so as the latch head enters the strike plate the anti thrust pin retracts on the edge of the strike plate



7. Using the hold back facility Re-2435,2435KD, 2835 & 2835DS

Turn the inside handle to width draw the latch and push the hold back facility/snib across this will allow entry without using the code. To unset push the hold back facility/ snib back

8. Using the free passage function Re-2835 & 2835DS

The Y is the free passage button, do not include in your code group.
To use the free passage press the C button, the the Y button and then your code.
To clear the the free passage press the Y button and then the C button. ONLY remove the Y tumbler to disconnect the free passage permanently, DO NOT replace the Y tumbler with any other.

Trouble shooting guide:

Problem	Possible cause	To resolve
Will not operate after changing the code	Code tumbler inserted wrong way round or upside down	Check the position of all the code tumblers -refer to the code change instructions. Forcing a code tumbler in the wrong way can damage your lock.
Knob turns in wrong direction or lock opens without using the code	Not handed correctly	Check you have the lock set to the correct hand of opening, refer to installation instructions (inside handle also with 2430/35 & k series)
OR	Spindle position	Spindle must lay at an Angle through the latch, facing towards the latch bolt face/edge of door-refer to 'Fitting your lock'
OR	Gap between door & frame to wide	Because latch has not needed to be fully withdrawn before door is opened the code has not cancelled in lock -reduce gap
Latch bolt sticking/tight /not retracting smoothly or all the way/not returning Smoothly or all the way	-do the following	Make sure you have chiselled out enough for the latch Cam -refer to 'Fitting your lock'
OR		The coloured end of spindle (if applicable to the lock type) should be in the front body, RED end for right hand open, BLUE end for left hand Open. The spindle may be to long.

Or call us for advice 01763 245245

For Customer support/Technical/Sales please contact us:

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Keep these instructions, you may need to change your code in the future.