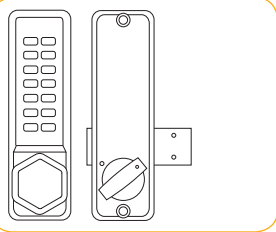


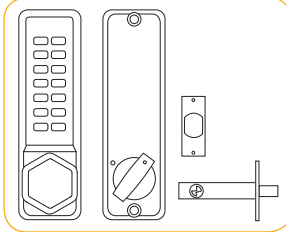
code change instructions

STAYING IN CONTROL HAS NEVER BEEN EASIER

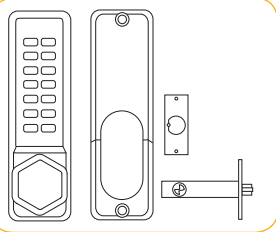
CL100 and CL200 locks can be used at home on doors, garages and garden sheds, and at work in offices, workshops and storerooms requiring restricted access. Available in Silver Grey, Polished Brass and Stainless Steel.



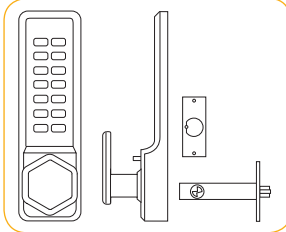
■ Surface deadbolt



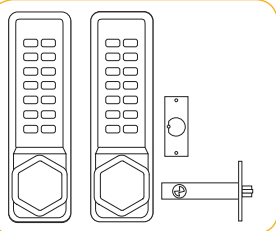
■ Mortice deadbolt



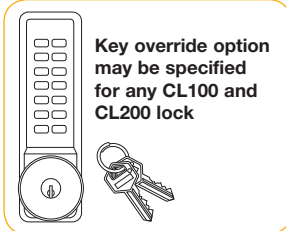
■ Mortice latch



■ Mortice latch with hold-open feature



■ Back to back mortice latch



■ Key override option may be specified for any CL100 and CL200 lock

■ Key override option

MANY CODES TO CHOOSE FROM

The CL100 and CL200 code chamber consists of 13 buttons from which the code is selected, and a 'C' button which is used to re-set the chamber after an incorrect entry, and which must always be used as the first digit of a code. Buttons may only be used ONCE in a code. For example, 1212 is not possible.

A CL100 and CL200 code, or combination, can be entered in any order or sequence; eg 1234 can be 4321 or 1342 or whatever sequence is most convenient to remember.

With 13 buttons, a total of 8,191 **different** codes are available, any of which can be entered in any sequence.

The total is arrived at as follows:

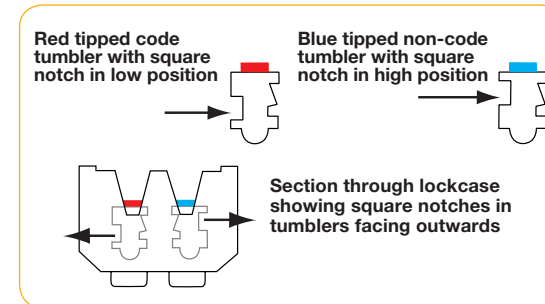
'C' plus 1 digit	= 13	'C' plus 6 digits	= 1716	'C' plus 11 digits	= 78
" 2 "	= 78	" 7 "	= 1716	" 12 "	= 13
" 3 "	= 286	" 8 "	= 1287	" 13 "	= 1
" 4 "	= 715	" 9 "	= 715	Total = 8191	
" 5 "	= 1287	" 10 "	= 286		

Most people will set a code in the range of 4 to 7 digits, and the total number of codes in this range is 5434.

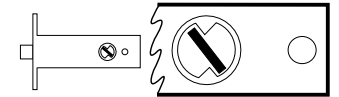
The lock is factory set with a randomly selected 6 digit code starting with the C button. The code is not recorded by the factory. The code can be changed as often as required to any other 6 digit code. Every new code must start with the C button. Using the spare tumblers, one red and one blue, the code length can be changed to 5 or 7 digits. Shorter codes are not recommended.

1. Take your CL100 or CL200 lock off the door by unscrewing the 2 screws in the backplate.
2. Press the C button to reset the chamber and place the lock case on a flat surface with the buttons down.
3. Remove the 2 red screws and carefully lift off the code chamber plate. Check that all 14 springs are held in place on the plate.
4. Note that the red tipped code tumblers correspond in position to the existing code. The blue tipped non-code tumblers fill the other positions. The C tumbler is not coloured.
5. Hold the lock in your hand and depress the C button. Keeping the C button depressed use tweezers to re-position the tumblers to correspond with your new code. The square notches of ALL tumblers MUST face outwards, with the coloured tips ON TOP: See diagram below. DO NOT force the tumblers in.

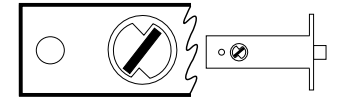
NB: Holding the C button depressed whilst re-positioning the tumblers is ESSENTIAL to avoid damaging the internal mechanism. DO NOT attempt to reposition the C tumbler.



6. Replace the code chamber plate carefully with the 2 red screws.
7. Check the operation of the new code, and make a written note of it before re-installing the lock.
8. Insert the spindle, with the spring on the code side. On latchbolt locks the spindle must engage the latch as follows:



Door hung on right viewed from outside



Door hung on left viewed from outside

MAINTENANCE

No maintenance of the working parts is necessary.

DO NOT OIL. To maintain the finish the lock should be cleaned regularly with a soft cloth. A silicone spray or similar, should be used to provide a protective film against grit and grime.

GUARANTEE

If any CL100 or CL200 lock should develop a fault, at any time due to manufacture, just call the Helpline and arrange for it to be repaired free of charge.

trouble shooting guide

PROBLEM AND PROBABLE CAUSE

On latch locks only. The outside knob and inside handle retract the latch when turned TOWARDS the door frame.
The spindle is positioned at the wrong angle.

The knob will not turn after entering the original code.
The code does not match the card.

The knob will not turn after entering a newly changed code.
One or more of the code tumblers are the wrong way around.

The latch bolt does not move smoothly in and out.
The lock is installed incorrectly.

The inside and outside knobs do not return easily to the centre position after use.
The spindle is too long for the door thickness.

The inside handle does not retract the latch.
The spindle is too short for the door thickness.

The inside lever handle does not return to the upright position after operating.
The lever return spring is broken.

The latch does not engage and so the door remains unlocked after use.
The latch is not entering the strike.

ACTION

Refer to the code change instructions overleaf. Remove the lock from the door and reposition the spindle as shown in the instructions. On hold-open locks ensure that the blue handing screw on the lever handle plate is in the correct hole.

Remove the lock from the door, turn the lock case upside down and check that the red tumblers correspond with the code on the card.
NB: the 'C' tumbler is not coloured - but MUST start every code.

Re-read the code change instruction and check that the square notches on the tumblers face to the outside edge of the lock with the coloured tips on top.

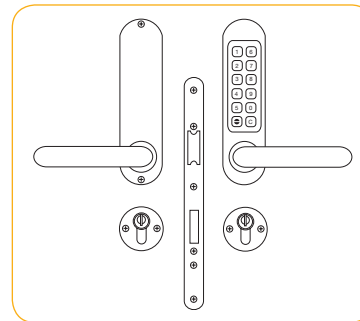
Check that the lock is square on the door and positioned accurately over the latch. Check that the latch is positioned horizontally and parallel to the door surfaces.

The spindle must not project more than 30mm into the inside handle. If it does then it will be trapped between the front and back handles and prevent them moving easily. The spindle must be shortened.

The spindle must project from the inside face of the door by at least 8mm so as to engage the handle. The spindle may have been cut too short during installation. Call the **Helpline** to obtain a longer spindle.

Call the **Helpline** for a replacement spring, **free of charge**.

Your door or frame may have warped since the lock was installed. Check that the latchbolt is lined up with the strike aperture and adjust the position of the strike as necessary. Make sure the deadlocking plunger cannot enter the strike aperture alongside the latch bolt when the door is closed.



■ 500 series

The **500** series mechanical lock should be specified for doors requiring full-size lever handles, passage set operation during normal working hours, and code lock-out by deadbolt (525 model only). The key can be used by security and cleaning staff to retract the latch as well as the deadbolt without using a code. The inside lever handle will always retract the deadbolt of the 525 model, thus avoiding accidental lock-ins and meeting safety regulations.

For full information on all mechanical and electronic locks in our range visit www.codelocks.com

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CC-1/200-V02


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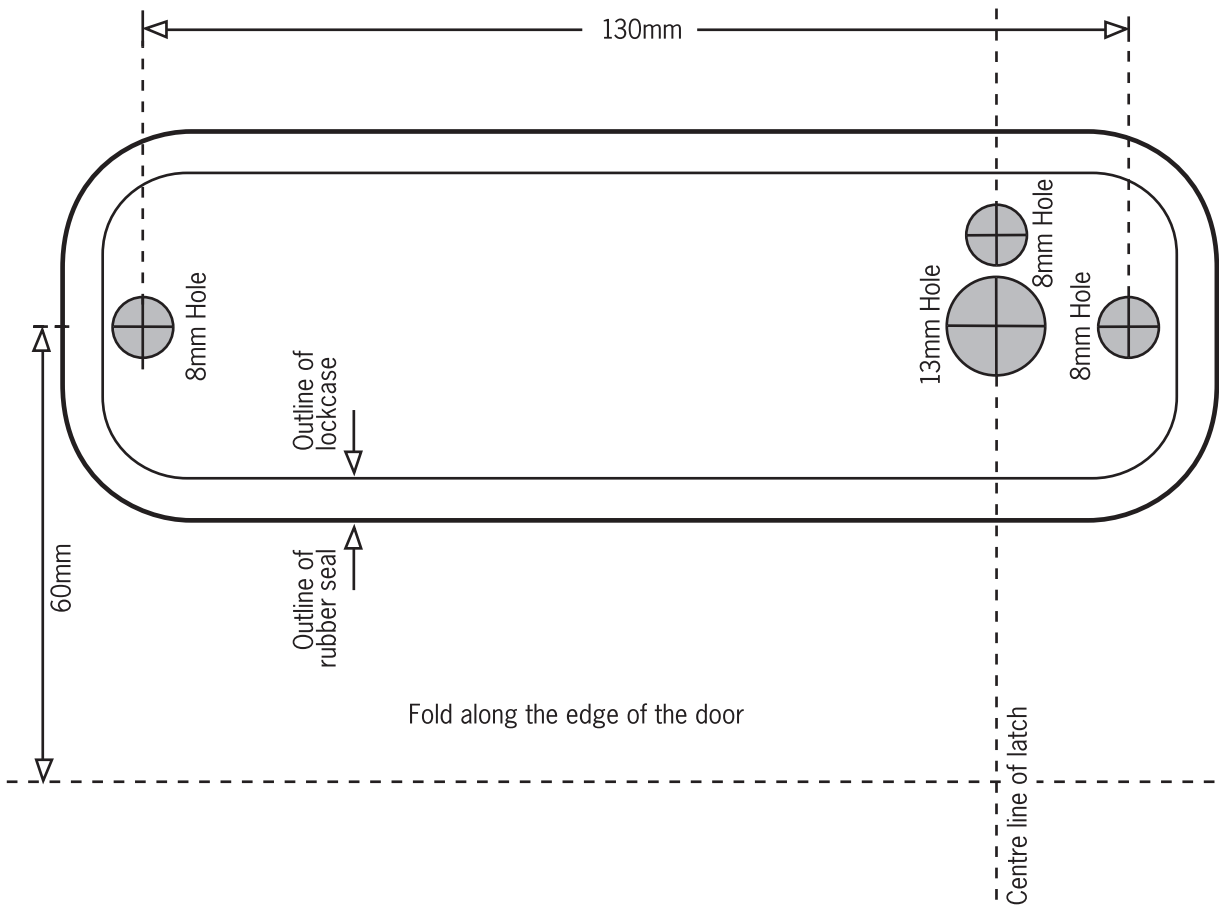
CODELOCK
100
MECHANICAL

CODELOCK
200
MECHANICAL

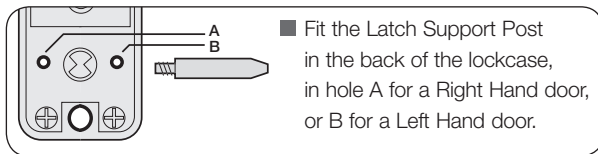


**CODE CHANGE
INSTRUCTIONS
& TROUBLE
SHOOTING GUIDE**

TEMPLATE



3. LATCH SUPPORT POST

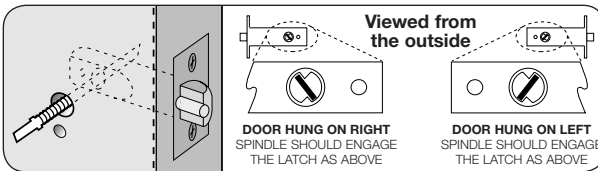


■ Fit the Latch Support Post in the back of the lockcase, in hole A for a Right Hand door, or B for a Left Hand door.

4. HOLD-OPEN BACKPLATE

■ The backplate of a hold-open lock is fitted with a blue screw to stop the handle moving in the wrong direction. This should be in the Left Hand hole for a Right Hand door, or the Right Hand hole for a Left Hand door.

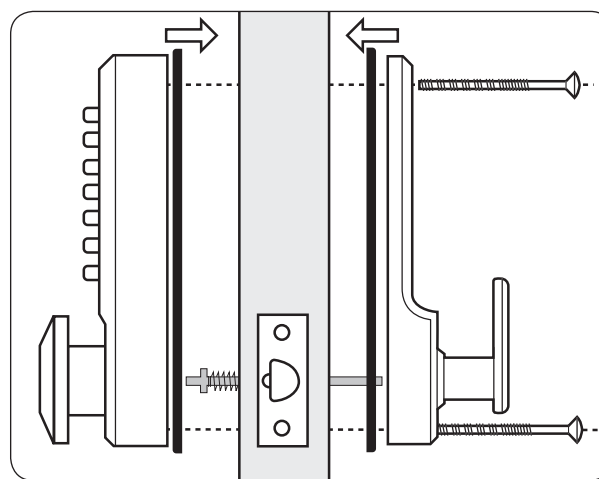
5. POSITIONING THE SPINDLE



■ The spring-loaded spindle will fit doors between 35mm and 65mm thick. For doors less than 50mm thick break off the 15mm section at the end of the spindle. For doors more than 65mm thick, ring the Helpline for advice. The spring keeps the spindle firmly engaged in the outside handle when the lock is assembled on the door.

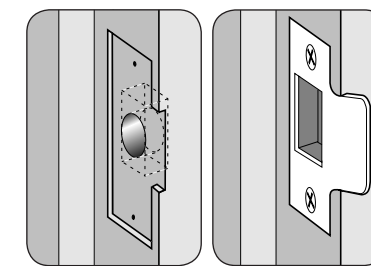
■ Insert the spindle, with the spring on the code side, through the 13mm hole in the door, and make sure that it engages the latch correctly for the hand of the door (see inset diagram).

6. FIXING THE LOCK

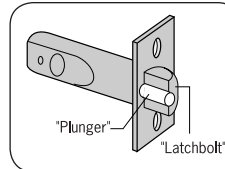


- Cut the fixing bolts to suit the door thickness, allowing at least one threaded section to screw into the lockcase.
- Hold the lock case and the backplate, with the seals, onto the door with the spindle in position.
- Using the fixing bolts screw everything together through the top and bottom holes of the backplate. Before final tightening make sure that the lock is vertical, and test the mechanism to ensure that it is all moving easily. **DO NOT CLOSE THE DOOR UNTIL YOU ARE SURE THAT THE CODE WORKS.** **DO NOT over-tighten the fixing bolts as this may cause distortion and lead to poor operation.**

7. FITTING THE STRIKE PLATE



NB The plunger beside the latchbolt deadlocks the latchbolt and protects it against manipulation. **IT MUST NOT** enter the strike plate aperture when the door is closed.



- Ensure that there are no obstructions to prevent the door closing properly into its frame, such as litter trapped in the hinge side.
- Position the strike plate on the door frame so that it lines up with the flat of the latchbolt, NOT THE PLUNGER.
- Draw around the aperture of the strike plate. Chisel out the aperture 15mm deep to receive the latchbolt. Fix the strike plate to the surface of the frame with one screw only. Close the door and ensure that the latch bolt enters the aperture easily, and is held without too much 'play'. When satisfied, draw around the final position of the strike plate, remove it and cut a 1mm rebate to enable it to fit flush. Re-fix the strike plate with both screws.

IF-1/200ML-V02

INSTALLATION INSTRUCTIONS

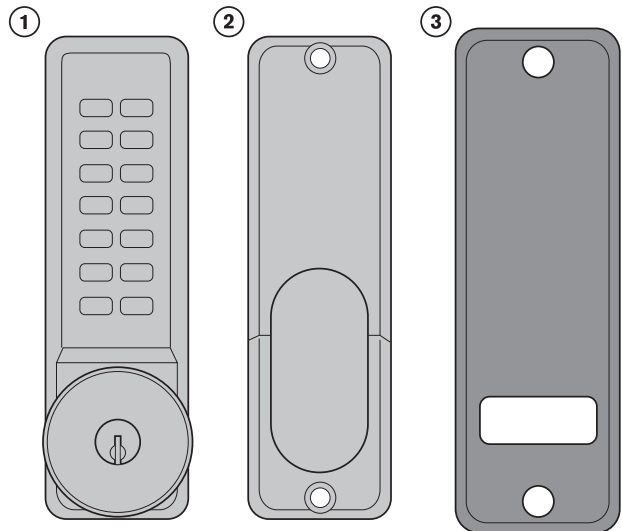


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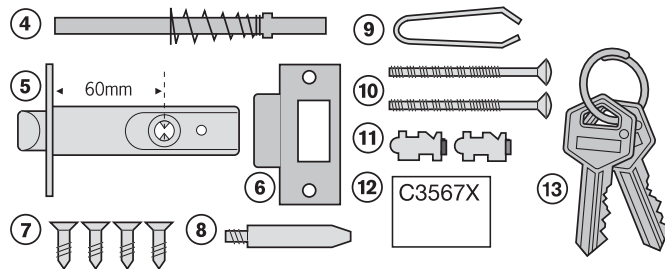




1. Front plate (key override option shown)
2. Back plate (hold-open models have a sliding snib)
3. Neoprene seals x 2
4. Spring loaded spindle
5. Latch (60mm backset)
6. Strike plate
7. Wood screws x 4
Use with latch & strike plate
8. Latch support post
9. Tweezers (for changing the code)
10. Fixing bolts 3 supplied (spare x1)
11. Code tumblers (spare x 2)
12. Code card
13. 2 keys - key override models only

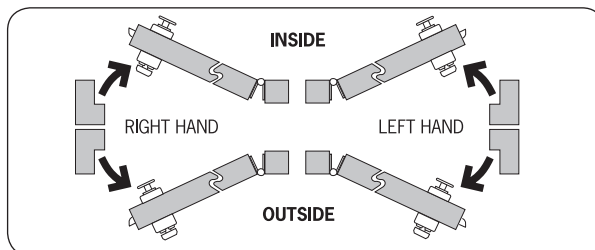
Tools required for installation

Power drill
25mm, 13mm & 8mm drill bits
Bradawl
Phillips screwdriver size 2
Chisel (maximum 25mm)
Hammer/Mallet
Stanley knife
Adhesive tape
Pencil
Tape measure

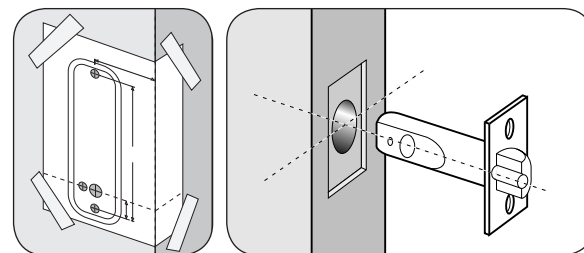


You are advised to familiarise yourself with the instructions before starting work.

- The 'hold-open' model is equipped with a snib on the backplate. This enables the latchbolt to be held open when required.
- Before commencing installation check that all parts are working correctly – press the code according to the code card and then the knob should turn and return easily under spring pressure. If you have a key override lock try the keys to ensure that they turn in the knob handle.
- If you intend to change the code, you should do it, if it is convenient, before installing the lock – see the code change instructions in the separate leaflet.
- Make sure that the lever handle of the backplate moves freely. If your lock is a 'hold-open' model then check that the snib will engage and hold the handle in the 'latch-open' position.
- Check that the latch bolt moves freely by pressing at the end and also by turning the flat spindle in the latch cam.

1. CHECK THE HAND OF YOUR DOOR

Viewed from outside, a door is right handed if the hinges are on the right, and left handed if the hinges are on the left.



- Crease the template along the line marked Door Edge, and tape it to the door.
- Mark the 13mm hole and the 3 x 8mm holes. Mark the centre line of latch in the middle of the door edge. Now apply the template to the other side of the door, aligning it with your first mark in the middle of the door edge. Mark the 4 holes again.
- Keeping the drill level and square to the door, drill holes from both sides to avoid splintering out of door face.

Positioning and fixing the latch

- Mark a central point on the 'centre line of latch' on the door edge.
- Mark the depth of 85mm on the drill bit with tape to act as a visible depth limit. Drill a 25mm hole, 85mm deep, keeping the drill level and square to the door.
- Insert the latch into the hole, and with the edges parallel to the door, draw around the face plate.
- Remove the latch. Score the pencil line with a Stanley Knife to avoid splitting prior to chiselling. Chisel a 3mm rebate to fit the latch face flush to the door edge.
- Fix the latch with the wood screws, with the bevel towards the door frame.

