

Digital Mortice Locks

INSTALLATION & CODE CHANGE

INSTRUCTIONS

Freephone Helpline:
0800 834 102

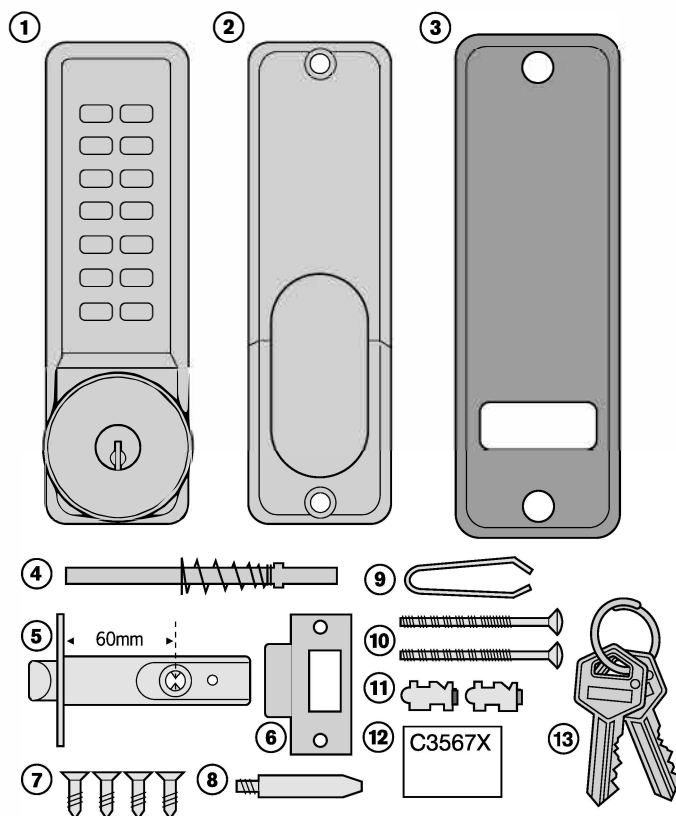


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PUSHBUTTON Mortice Latchset

CONTENTS



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 (2³/₈") 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

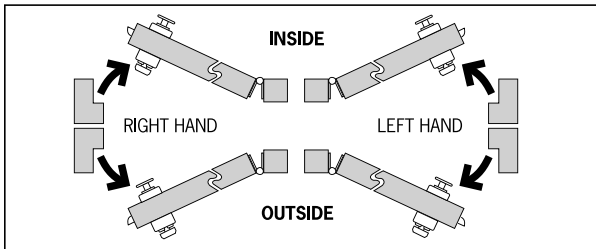
Power drill
25mm (1"), 13mm (1/2") & 8mm (5/16") drill bits
Bradawl
Philips screwdriver size 2
Chisel maximum 25mm (1")
Hammer/Mallet
Stanley knife
Adhesive tape
Pencil
Tape measure

SPECIAL NOTES

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

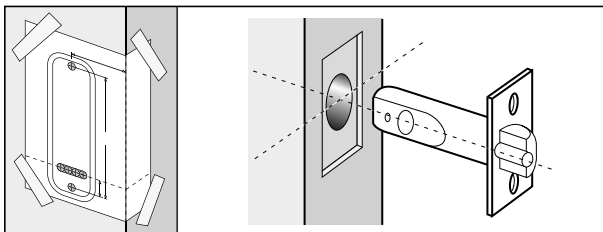
- As standard locks are supplied as 'hold open' function with a snib on the backplate. This enables the latchbolt to be held open when required.
- When using the 'hold open' function please note that the backplate is fitted with a blue screw to stop the handle moving in the wrong direction. The screw should be in the left hand hole for a right hand door or the right hand hole for a left hand door.
- To disable the 'hold open' see note **4. Disable Hold-Open Function.**
- Make sure that the lever handle of the backplate moves freely. If set to 'hold open' version 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.

2 APPLY THE TEMPLATE

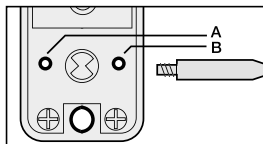


- Crease the template along the line marked Door Edge, and tape it to the door.
- Mark the 13mm (1/2") hole and the 3 x 8mm (5/16") holes. Mark the centre line of latch in the middle of the door edge. Now apply the template to the other side of the door, aligning it with your first mark in the middle 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 (3 3/8") on the drill bit with tape to act as a visible depth limit. Drill a 25mm (1") hole, 85mm (3 3/8") 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 (1/8") 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.

3 LATCH SUPPORT POST

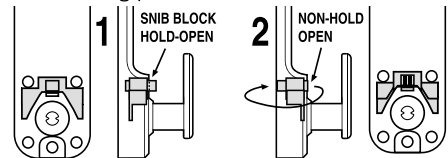


- Fit the Latch Support Post in the back of the lockcase, in hole A for a Right Hand door, or B for a Left Hand door.

4 DISABLE HOLD OPEN FUNCTION

- If required the hold open feature can be disabled as follows: Remove fixing plate by removing the four fixing screws and blue handing screw. **1.** Lift out the snib block. **2.** Flip over and reseal. Refit the fixing plate.

Do not fit the blue handing screw.

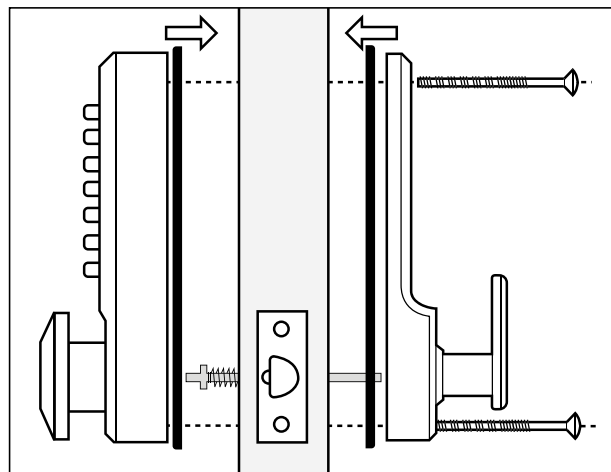


5 POSITIONING THE SPINDLE



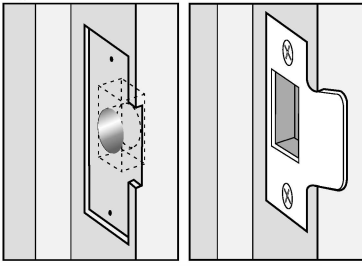
- The spring-loaded spindle will fit doors between 35mm and 65mm (1 3/8" - 2 1/2") thick. For doors less than 50mm (2") thick break off the 15mm (5/8") section at the end of the spindle. For doors more than 65mm thick, ring the Helpline for advice. The spring keeps the spindle firmly engaged in the outside handle when the lock is assembled on the door.
- Insert the spindle, with the spring on the code side, through the 13mm (1/2") 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



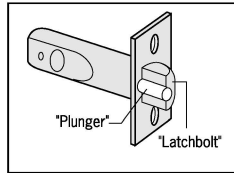
- Cut the fixing bolts to suit the door thickness, allowing at least one threaded section to screw into the lockcase.
- Hold the lock case and the backplate, with the seals, onto the door with the spindle in position.
- Using the fixing bolts screw everything together through the top and bottom holes 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.



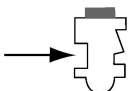
- Ensure that there are no obstructions to prevent the door closing properly into its frame, such as litter trapped in the hinge side.
- Position the strike plate on the door frame so that it lines up with the flat of the latchbolt, NOT THE PLUNGER.
- Draw around the aperture of the strike plate. Chisel out the aperture 15mm (5/8") 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 (1/16") rebate to enable it to fit flush. Re-fix the strike plate with both screws.

CODE CHANGE INSTRUCTIONS

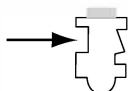
- Take your lock off the door by unscrewing the 2 screws in the back plate.
- Press the C button to reset the chamber and place the lock case on a flat surface with the buttons down.
- Remove the 2 red screws and carefully lift off the code chamber plate. Check that all 14 springs are held in place on the plate.
- 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.
- 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.

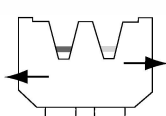
Red tipped code tumbler with square notch in low position



Blue tipped non-code tumbler with square notch in high position



Section through lockcase showing square notches in tumblers facing outwards



- Replace the code chamber plate carefully with the 2 red screws.
- Check the operation of the new code, and make a written note of it before re-installing the lock.
- Insert the spindle. 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.

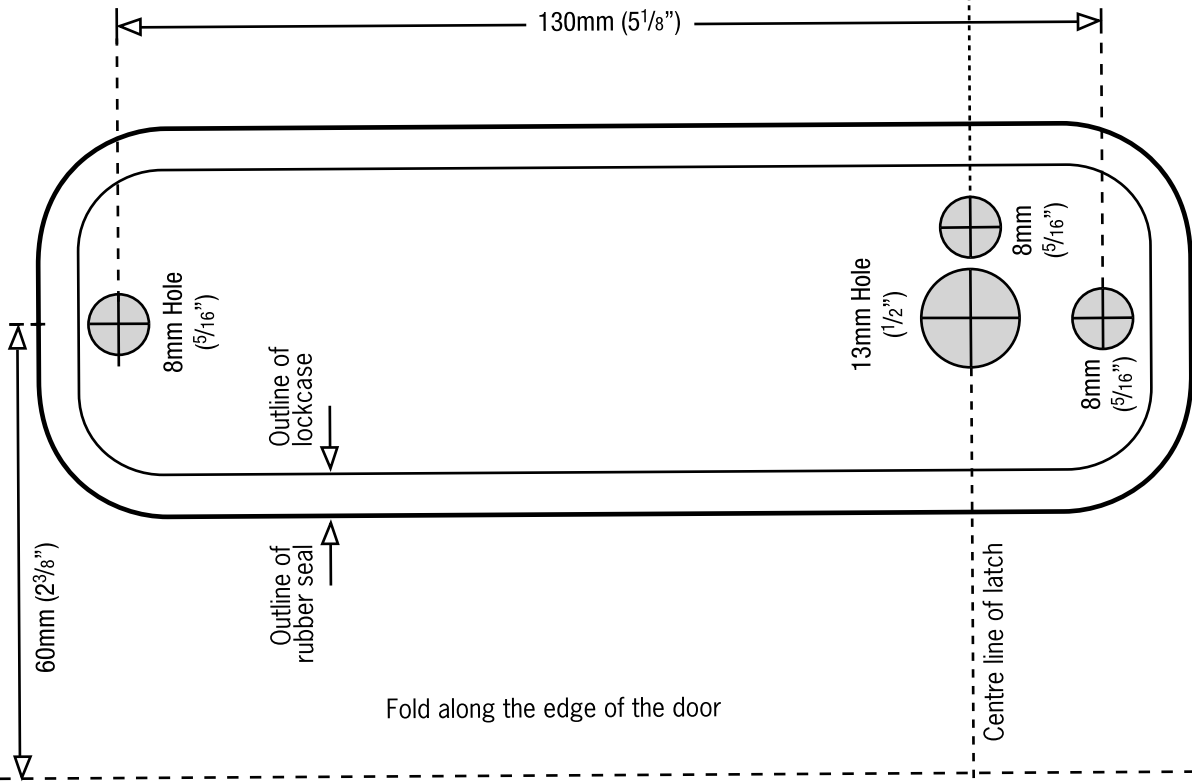
5-Year Mechanical Warranty

We will repair and return your Allegion UK digital lock up to 5 years after purchase. If the unit is beyond economical repair then a replacement unit / refund will be issued at the suppliers discretion.

- The unit must be installed in a correct application, e.g. not excessive daily usage.
- Any faults caused through malicious damage, incorrect code change or re-assembly shall invalidate the warranty.

Should you wish to return a unit under warranty please return it to the point of purchase along with proof of purchase.

TEMPLATE



TEMPLATE

