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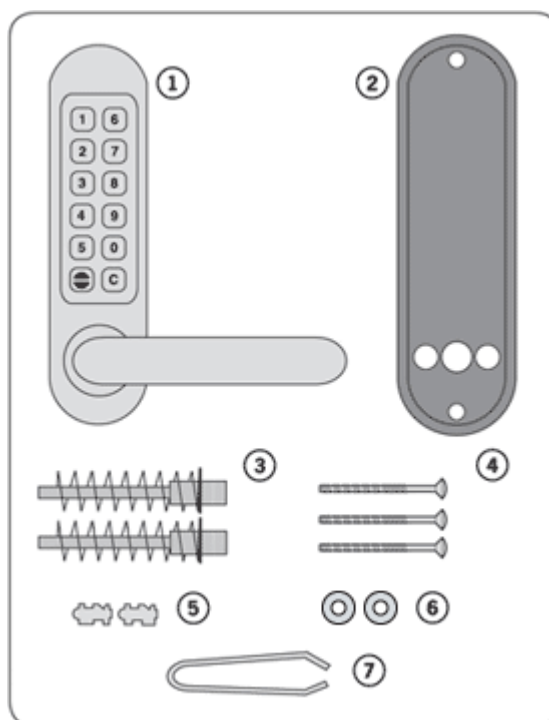
## CL500PK Installation Guide

 **Print Page**

Number relating to picture	Item	CL500PK
1	Front Plate and Handle	*
2	Neoprene seals x 1	*
3	Spindles: RED and BLUE tipped spindles	*
4	Fixing bolts x 2 (1 x spare)	*
5	Spare code tumblers x 2	*
6	Cup washers x 2	*
7	Tweezers for code changing	*

### Tools Required

Power Drill  
 Drill bit 12mm  
 Philips screwdriver



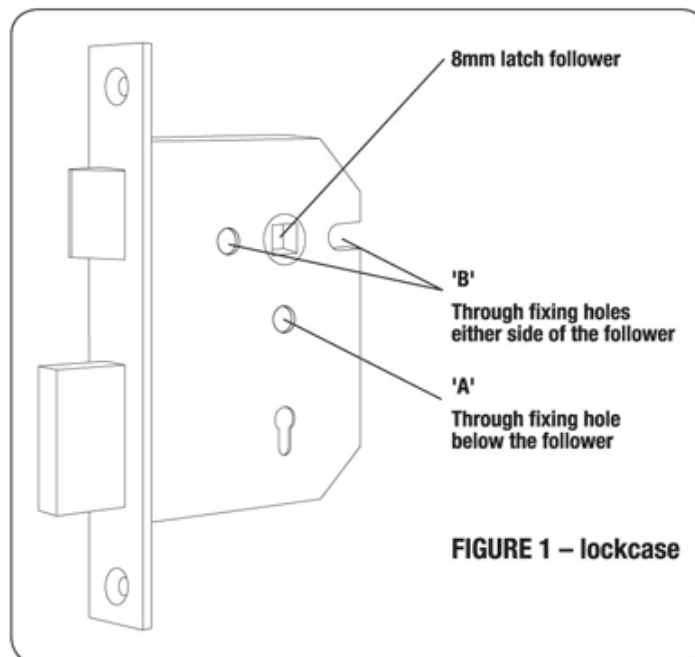
### Check operation of the coded front plate

Turn the front plate over and note that the red tipped tumblers inside correspond to the code. The code may be entered in any sequence, i.e. 1370 may be entered as 3710 or any other sequence of those numbers. There are a total of 2,047 codes available, any of which may be entered in any order.

If you intend to change the code you should do it, if convenient, before installing the lock – see the Code Change instructions.

The CL500 model is intended to replace the

conventional door furniture fitted to an existing mortice latch, or an existing mortice lock which has both a spring latch and a deadbolt. The square follower should be 8mm square. Any lock and key mechanism is retained to operate the deadbolt. The latchbolt will only operate by code, and not by key. A mortice lock case should have holes for fixing bolts to pass through on either side of the square latch follower and sometimes, additionally, a hole below the follower. See figure 1 and confirm that your lockcase is compatible with the CL500 lock plates.

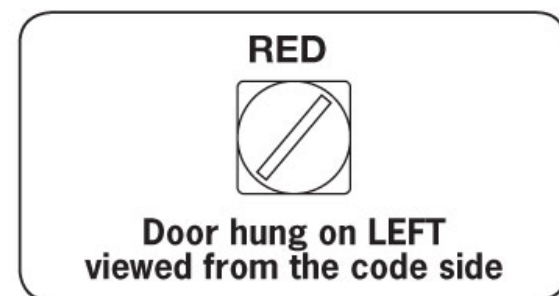
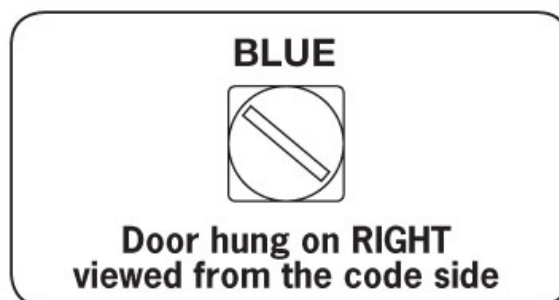
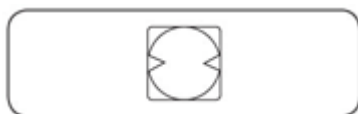


**If your lockcase has a hole below the follower (fig.1 'A'), proceed as follows:**

1. Hold the black neoprene seal with the three holes against the door, perfectly vertically, with the rectangular hole centrally over the follower. Mark the top and bottom holes on the door face, and repeat the procedure on the other side of the door. Remove the lock. At both points drill a 12mm hole through the door. Drill from both sides for greater accuracy and to avoid splintering out of the door face. Check that the existing spindle hole is at least 18mm diameter. Replace the lock.

2. Take the BLUE or RED tipped spindle and fit to the code side according to the hand of your door (see diagram).

Fit the butterfly spindle to the inside, non-code side.



4. Take the adaptor kit, item 10. on the contents table. Cut the two M5 countersunk head bolts to length to suit the door thickness; i.e. door thickness plus a maximum of 10mm (no more than 5mm should enter the front plate). Hold the front plate, with the three hole neoprene seal, against the door over the protruding spindle. From the other side of the door, fix the adaptor plate to the front plate using the two M5 countersunk bolts. Before tightening up the fixings, make sure that the spindle hole is centrally positioned over the follower. Do not use excessive force.

5. Cut one of the long black socket head screws to the required length for your door. Approximate overall length should be door thickness plus 25mm, to allow about 10mm of threaded bolt to enter the front plate. Place the neoprene gasket over the adaptor plate. Use the screw with the 'T' shaped Allen key, to fix the back plate to the front plate through the TOP hole. Using the 20mm socket head screw fix the back plate through the BOTTOM hole to the adaptor plate. Do not use excessive force.

6. **Before closing the door**, enter the code and check that the latchbolt retracts when the lever handle is depressed. Now check the operation of the inside lever handle. If there is any binding of the handles or latch then loosen the top and bottom bolts and reposition the plates slightly until the correct position is found, and then re-tighten the bolts.

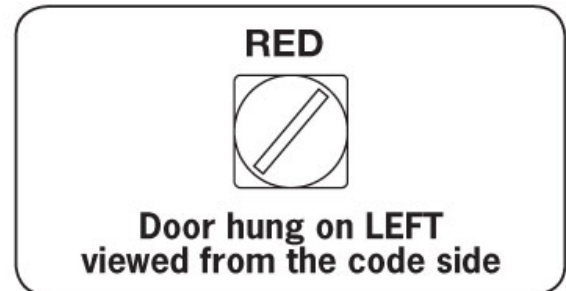
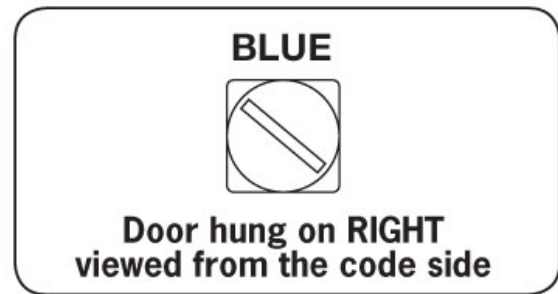
**If your lockcase only has holes on either side of the follower (fig.1 B), proceed as follows:**

1. Hold the black neoprene seal with the three holes against the

door, perfectly vertically, with the rectangular hole centrally over the follower. Mark the top hole and the holes on either side of the follower, if not already drilled, then repeat the procedure on the other side of the door. Mark an extra hole on the inside of the door in line with the bottom fixing hole. Remove the lock. Drill the 3 x 12mm holes from both sides for greater accuracy, and to avoid splintering out of the door face. Check that the existing spindle hole is at least 18mm. Drill the extra 12mm hole 5mm deep on the inside of the door to accept the fixing nut on the adaptor plate. Replace the lock.

2. Take the BLUE or RED tipped spindle and fit to the code side according to the hand of your door (see diagram).

Fit the butterfly spindle to the inside, non-code side.



3. Check that the lever handles are correctly fitted for the hand of door. To change the hand of a lever handle, loosen the grub screw with the small Allen key, reverse the lever handle and fully tighten the grub screw.

4. Cut two of the black socket head screws to the required length for your door. Approximate overall length should be door thickness plus 25mm, to allow about 10mm of threaded bolt to enter the outside plate.

5. Apply the front and back plates, with the neoprene seals in position, against the door, over the protruding ends of the spindle.

6. Fix the two plates together using the socket head bolts, starting with the top fixing. Ensure that the two plates are truly vertical and then tighten the bolts using the 'T' shaped Allen key. Do not use excessive force.

7. Before closing the door, enter the code and ensure that the latchbolt will retract when the lever handle is depressed. Now check the operation of the inside lever handle. If there is any binding of the handles or latch then loosen the bolts slightly and reposition the plates slightly until the correct position is found, and then re-tighten the bolts.