CARBENE

<u>The Nex</u>t Generation in Locking

CDL7100-KDSC DIGITAL LOCKSET INSTALLATION INSTRUCTIONS

DIGITAL LOCKSET COMPONENT PARTS LIST

NEW INSTALLATION



Before commencing installation please check that all components are working correctly.

- Take the front body lock assembly, enter in the factory code C13579 and turn the handle. Repeat, but turn the handle
- in the other direction. The handle should return freely under spring pressure.
- It is important that the code is changed and tested before fitting. See code change instructions for details.

ck and Key Company specification

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does not cover damage that results from faulty installation or usage, alteration or modification of the product or tarnishing of the finish including colour change due to weather, salt or chemical. Should this product not perform satisfactorily in its intended application, return it to place of purchase for replacement



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Instructions continued overleaf.

3) Positioning the Tailbar

• There is one notched tailbar supplied. Measure the thickness of the door and then cut the tailbar along one the necessary notches. The numbers on

the tailbar are there to indicate the length of the bar in relation to the thickness of the door.

• Once the tailbar is cut, position it centrally in the latch.

• As shown in fig 5, when viewed from the outside. on a right hand door the tailbar is orientated in position 1. When the lock is mounted on a left hand door, the tailbar is orientated in position 2.

4) Fitting the Latch Support Post and the M5 Hex Lug

• As shown in fig 6, the support post and hex lugs are fitted to the Digital

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keypad assembly that has the adaptor plate fitted to it.

• When fitting the Latch Support post, use Hole A for left-handed doors and

Hole B for right-handed doors. Please note: the latch support post can be fitted to either digital keypad assembly. The Hex Lugs screw into the top and bottom threaded bosses as shown. Simply ensure they are tightly secured.

6) Mounting the I ock assembly to the door

· Firstly select the fixing screw to suit the door thickness.

• For door thicknesses from 32mm to 42mm use the shorter 25mm screws. For door thicknesses from 42mm to 54mm use the longer 35mm screws.

 As shown in fig 7, the door mount plate needs to be screwed to the door with the four wood screws.

• The digital keypad assembly with the adaptor plate fitted can now be positioned onto the door and

attached with the fixing screws through the door mount plate. Be sure to fix the black gasket between the digital keypad assembly and the door.

• As shown in fig 8, screw the digital keypad plate to the remaining digital keypad assembly along with the latch support post (if not fitted on the other side).

• Now position the black gasket between this assembly and the door mount plate and slide in to position.

• Hold the assembly in position on the door and insert and screw in to position the securing screws via the edge of the door.

• Once the entire assembly is secured to the door push the screw plugs in to the holes on the edge of the door to hide the screws.



• DO NOT overtighten the fixing screws. This may damage the mounting plates and stop the lock being secured to the door properly.

 CHECK THAT THE CODE WORKS PRIOR TO CLOSING THE DOOR TO AVOID THE CHANCE OF A LOCKOUT.



7) Fitting the Strike Plate

In a new installation it is easier to fit the strike plate once the lock has

been mounted to the door. This ensures that the latch will perfectly line up with the strike plate.

• Close the door against the door frame and mark the centre of the latchbolt onto the jamb.

• As shown in fig 9, position the strike plate on the door so that it fits against the flat of the latchbolt, with the snib depressed.

•Once the door is closed like this (the strike plate will not be sitting correctly at this stage), mark the position of the strike plate on the door frame and then open the door again.

• Now use the strike plate as a template. Align it with the position marks just made on the door frame and mark the inner and outer edges of the strike plate on the door frame.

 As illustrated in fig 10, you need to end up with an aperture for the strike and strike box. Cut a 2mm deep rebate with a chisel so that the strike plate will fit flush with door frame. Drill and chisel out the strike box hole to dimensions shown in fig 10.



• Now fit the strike plate and strike box using only one wood screw at first to ensure that it is positioned accurately.

• As indicated in fig 9, the latchbolt should enter the aperture freely but the snib needs to be depressed against the strike plate. The latch should be held without excessive play.

 Once the strike is correctly positioned secure with the second wood screw and check lock set for smooth operation.



