

#### Tools Required:

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|--|--|-----------|
| 1. Drill with bits for morticing of Timber | 2. Chisel                                  | 3. Mallet |
| 4. Pencil                                  | 5. Screwdriver with No 1 or 2 Pozidriv bit | 6. Ruler  |

#### Fitting:

##### Step 1.

Whilst holding the door open, position the lock centrally along the leading edge of the door and using a pencil mark out the mortice position. Make sure that the position of the mortice avoids cutting through any joints of the door construction. Cut a rectangular slot for the lock case in accordance with the lock body width suitable to ensure a secure fit, ideally 15mm wide and to suit chosen backset. **(NOTE: If fitting to a fire door please allow an additional 1mm depth on the case depth and either side of the case width for fitting intumescent seal - 1mm for a 30-minute fire door or 2mm for a 60 minute fire door).**

##### Step 2.

Insert the lock body into the rectangular slot, ensuring the forend is pushed firmly to the face of the door, using a pencil mark around the forend. Remove wood to the max depth of 3mm, this depth allows the flush fitting of the lock to the face of the door. Once done, mark out then drill pilot holes for the 2 screws in the forend. **(NOTE: If fitting to a fire door please allow an additional 1mm depth to the forend mortice for fitting intumescent seal - 1mm for a 30-minute fire door or 2mm for a 60 minute fire door).**

##### Step 3.

Using the lock body as a template, mark on the side of the door the positions of the spindle hole centres for both followers.

##### Step 5.

Place the lock back into the door ensuring that everything lines up. At this point test fit the Lift to Lock hardware (ZCS030LL) to both sides of the door and check operation is smooth by operating both levers to retract the roller latch and throw/retract the deadbolt. Once operation is correct, remove the Lift to Lock levers and escutcheons and fit two fixing screws to the lock forend to secure in place.

##### Step 4.

Remove lock from the door and drill 20mm diameter holes through the door from both sides into the mortice (care must be taken to ensure holes are level to ensure correct fitting of handle furniture).

##### Step 6.

With the door open, ensure that the deadbolt is in the thrown position (extended) so both bolts protrude from the leading edge of the door. At this point close the door gently against the door frame and using a pencil mark the positions for the latch bolt and the dead bolt onto the door frame.

##### Step 7.

Mark out on the door frame the length of the strike plate with the fixing holes and go through the same procedure of marking out the recess for the strike plate and dust box. Then remove enough wood to ensure installation of the plastic dust box and chisel a 1.5mm recess for the strike plate to sit flush to the door. **(NOTE: If fitting to a fire door please allow an additional 1mm depth to the strike plate recess for fitting intumescent seal - 1mm for a 30-minute fire door or 2mm for a 60 minute fire door).**

##### Step 8.

Fit the dust box and strike plate using screws provided. Ensure the bolts fit well and can be fully thrown into the strike plate and where applicable adjust the anti rattle tabs.

##### Step 9.

Refit the Lift to Lock hardware and check all operations prior to finishing.

#### Important Information for Fire Door Fitting:

This product has been fire tested in combination with a specific intumescent kit/material to the requirements of BSEN1634-1. This intumescent kit is critical to the product's fire test evidence and UKCA / CE / Certifire certification. Failure to supply / fit the exact material and similar design of kit will invalidate all fire test evidence and certification and Zoo Hardware accept no responsibility or liability for incorrectly specified/fitted intumescent material.

#### Dangerous Substances:

The materials used in this device do not contain or release any dangerous substances in excess of the maximum levels specified in existing European material standards or any national regulations.

#### CPR Declaration of Performance:

To download CPR Declaration of Performance, please visit [www.zoohardware.co.uk/knowledge-bank](http://www.zoohardware.co.uk/knowledge-bank)

