





ZDL7260ESC Mortice Escape Lock, 60mm Backset

Installation Instructions

						
	1121-CPR-UK-ABB7793 1121-CPR-UK-AG7883		2812-CPR-ABB5007 2812-CPR-AG5154		APPROVED CF850	
ZDL7260ESC	2022		2022		2023	
BS EN179: 2008	3	7	6	B*	1	4 5 2 A B/D
BS EN12209: 2003	3	X	8	1*	0	G 2 B A 2 0

Tools Required:

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. Don't install until all other steps completed. **(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 and the cylinder hole centres. Please note hole centres requiring to be cut will vary according to the lock model being installed.

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). Remove enough material on hole position for euro cylinder to allow cylinder body to pass through. If, depending on the handing of the door, the latch bolt needs reversing, follow latch bolt reversal procedures attached with document.

Step 5.

Place the lock back into the door ensuring that everything lines up. At this point line up and install any chosen door furniture to suit the lock, to both sides of the door. With all items prepared and installed, fit two fixing screws to lock forend to secure in place.

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.

Apply final furnishings and check all operations prior to finishing.

Important Information for Fire Door Fitting:

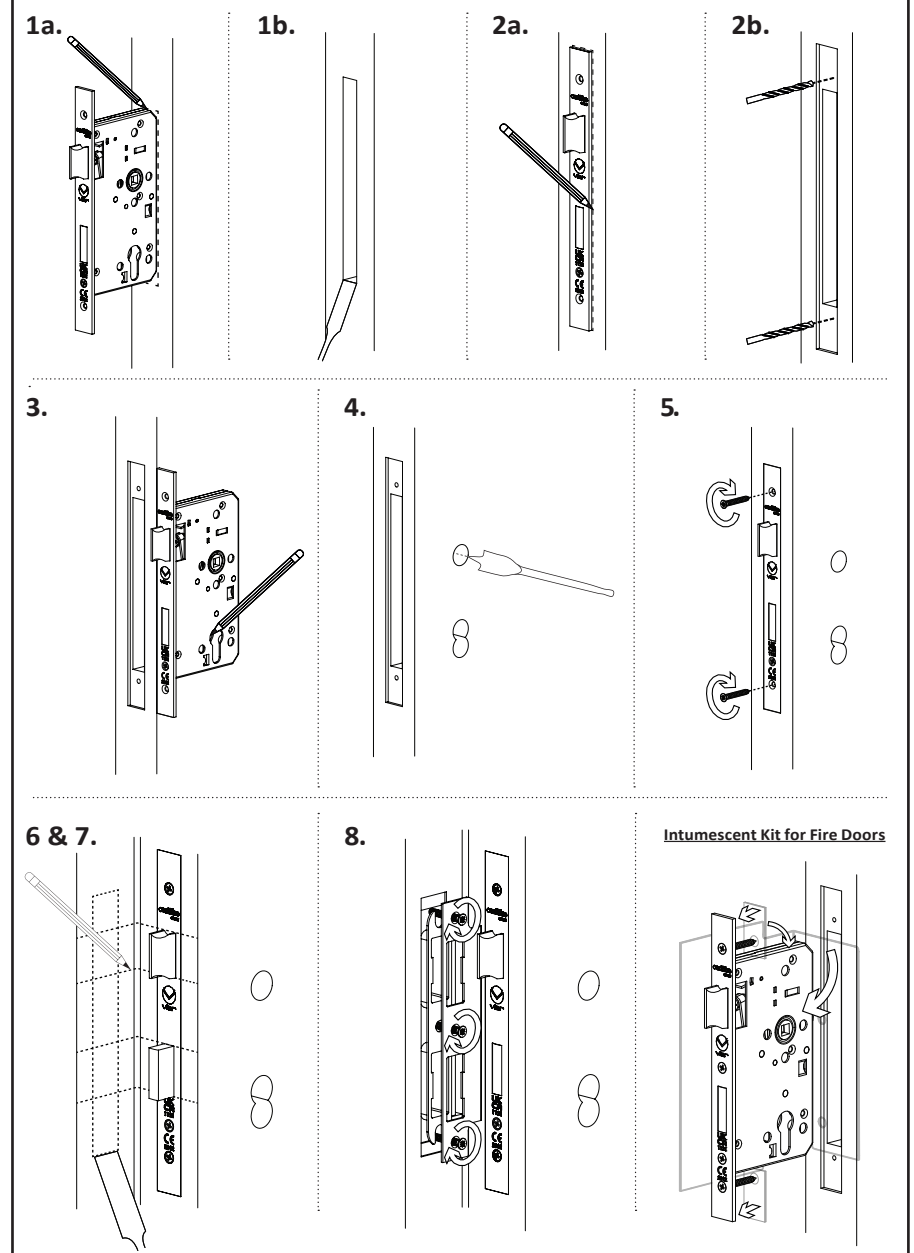
This product has been fire tested in combination with a specific intumescent kit/material to the requirements of BSEN1634-1. This intumescent kit is critical to the product's fire test evidence and UKCA / CE / Certifire certification. Failure to supply / fit the exact material and similar design of kit 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



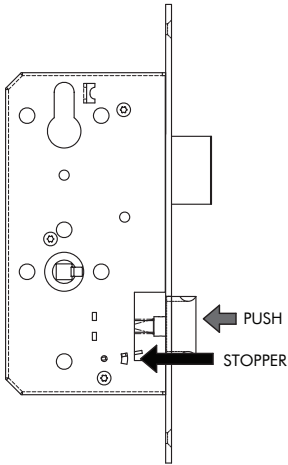
ZDL7260ESC Mortice Escape Lock, 60mm Backset Latch Bolt Reversal Instructions

			
1121-CPR-UK-ABB7793 1121-CPR-UK-AG7883	2812-CPR-ABB5007 2812-CPR-AG5154		
ZDL7260ESC	2022	2022	2023
BS EN179: 2008	3 7 6 B* 1 4 5 2 A B/D		
BS EN12209: 2003	3 X 8 1* 0 G 2 B A 2 0		

Reversing the Latch Bolt:

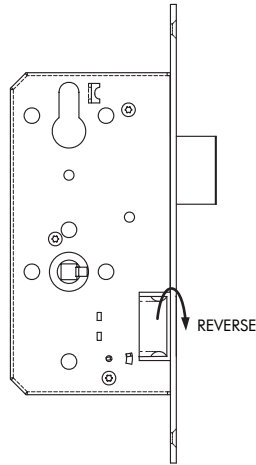
STEP 01

Hold lock upside down, the stopper will drop into the case. Push latch bolt as indicated until clear of the forend.



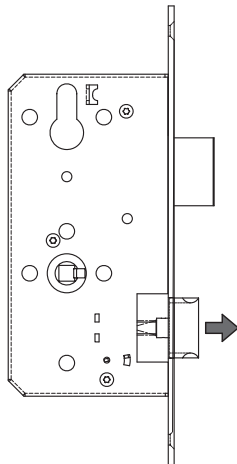
STEP 02

With the latch bolt pushed into the case, rotate the latch bolt through 180 degrees to reverse.



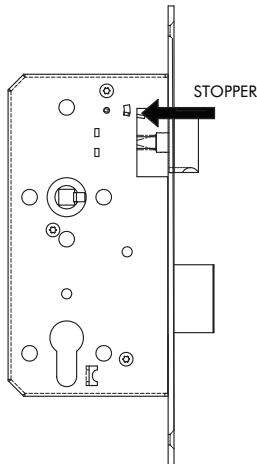
STEP 03

Once rotated the latch bolt should pass through the lock forend as shown.



STEP 04

With the lock case the right way up, check the stopper has dropped clear of the lock case. Reversal complete.



ANNEX A INSTALLATION AND FITTING INSTRUCTIONS

A.1 The producer shall specify the appropriate fixing arrangement for the door types for which the exit device is designed.

A.2 Before fitting an exit device to a door, the door should be checked to ensure correct hanging and freedom from blinding. It is not recommended, for example, that exit devices be fitted to hollow core doors unless specially designed by the producer for this type of door. It is recommended to verify that the door construction allows the use of the device, i.e. to verify that offset hinges and engaging leaves allow both leaves to be opened simultaneously (See A4), or to verify that the gap between door leaves does not differ from that defined by the exit device producer, or to verify that the opening elements do not interfere, etc.

A.3 Before fitting an emergency exit device to a fire/smoke resisting door, the fire certification of the fire door assembly on which the exit device has been tested to prove suitability for use on a fire door should be examined. It is of utmost importance that an exit device is not used on a fire door assembly of a greater fire resistance time than approved for. See Annex B.

A.4 Care should be taken to ensure that any seals or weather-stripping fitted to the complete door assembly, do not inhibit the correct operation of the emergency exit device.

A.5 On double doorsets with rebated meeting stiles and where both leaves are fitted with emergency exit devices, it is essential to check that either leaf will open when its emergency exit device is activated and also that both leaves will open freely when both emergency exit devices are operated simultaneously.

A.6 Where emergency exit devices are manufactured in more than one size, it is important that the correct size is selected.

A.7 Category 2 (Standard projection) emergency exit devices should be used in situations where there is restricted width for escape, or where the doors to be fitted with the emergency exit devices are not able to open beyond 90°.

A.8 Where an emergency exit device is designed to be fitted to a glazed door, it is essential that the glazing is tempered or laminated glass.

A.9 Different fixing can be necessary for fitting emergency exit devices to wood, metal or frameless glass doors. For more secure fixing, male and female through-door bolts, reinforcement and rivets can be used.

A.10 Emergency exit devices are not intended for use on double action (double swing) doors unless specifically designed by the exit device producer.

A.11 The fixing instructions should be carefully followed during installation. These instructions and any maintenance instructions should be passed on by the installer to the user. See Annex C.

A.12 The operating element should normally be installed at a height of between 900mm and 1100mm from the finished floor level, when the door is in the secured position. Where it is known that the majority of the users of the premises will be young children, consideration should be given to reducing the height of the operating element.

A.13 When installing lever operating emergency exit devices, particularly on doors with raised or recessed surfaces, consideration should be given to minimizing any potential safety risks, such as the trapping of fingers or clothing.

A.14 The bolt heads and keepers should be fitted to provide secure engagement. Care should be taken to ensure that no projection of the bolt heads, when in the withdrawn position, can prevent the door swinging freely.

A.15 Where emergency exit devices are to be fitted to double door sets with rebated meeting stiles and self closing devices, a door coordinator device in accordance with EN 1158 (See Bibliography) should be fitted to ensure the correct closing sequence of the doors. This recommendation is particularly important with regard to smoke/fire-resisting door assemblies.

A.16 No devices for securing the door in the closed position should be fitted other than specified in this European Standard. This does not preclude the installation of self-closing devices.

A.17 If a door closing device is to be used to return the door to the closed position, care should be taken not to impair the use of the doorway by the young, elderly and infirm.

A.18 Any keepers or protection plates provided should be fitted in order to ensure compliance with this European Standard.

A.19 A sign which reads "Rotate handle to open" or "Push to open" as appropriate, or a pictogram should be provided on the inside face of the door immediately above the operating element or on the operating element if it has a sufficient flat face to take the size of lettering required.

For type "B" emergency exit devices intended for use on inwardly opening exit doors, a sign which reads "Rotate handle and pull" to open or "Pull to open" or a pictogram should be provided on the inside face of the door immediately above or on pull pad if it has a sufficient flat face to take the size of lettering required.

The surface area of the pictogram should be not less than 8000mm² and its colours should be white on a green background. It should be designed such that the arrow points to the operating element, when installed.





ANNEX C Maintenance Instructions

The following information shall accompany the product:-

- A) Inspect and operate the emergency exit device to ensure that all components are in a satisfactory working condition. Using a force gauge, measure and record the operating forces to release the exit device.
- B) Ensure the keeper(s) is (are) free from obstruction.
- C) Check that the emergency exit device is lubricated, and as required / on an annual basis apply multi-purpose grease to the bolts and keeper plates and lubricate with WD40 when necessary.
- D) Check that no additional locking devices have been added to the door since its original installation.
- E) Check periodically that all components of the system are still correct in accordance with the list of approved components originally supplied with the system.
- F) Check periodically that the operating element is correctly tightened and, using a force gauge, measure the operating forces to release the exit device. Check that the operating forces have not changed significantly from the operating forces recorded when originally installed.

ZDL7260ESC Mortice Escape Lock, 60mm Backset

Installation Instructions

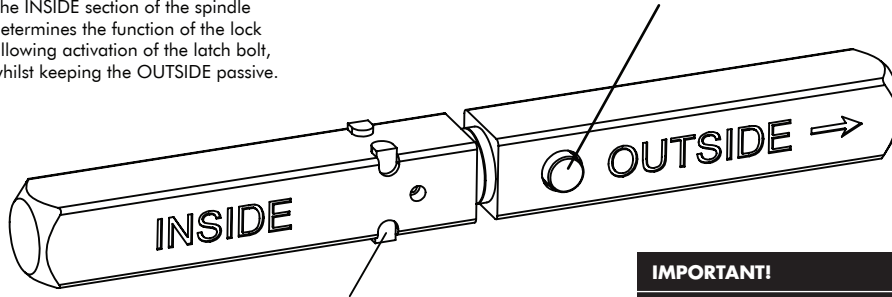
			
	1121-CPR-UK-ABB7793 1121-CPR-UK-AG7883	2812-CPR-ABB5007 2812-CPR-AG5154	APPROVED CF850
ZDL7260ESC	2022	2022	2023
BS EN179: 2008	3 7 6 B* 1 4 5 2 A B/D		
BS EN12209: 2003	3 X 8 1* 0 G 2 B A 2 0		

Handing the Escape Function:

STEP 01

The INSIDE section of the spindle determines the function of the lock allowing activation of the latch bolt, whilst keeping the OUTSIDE passive.

Press button & insert into the follower as shown, depending upon the handing of the lock.



Stops should come to rest against lock follower, once fully inserted.

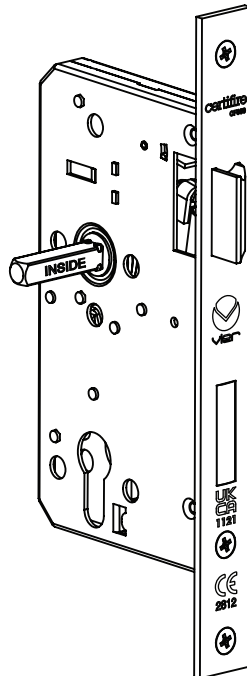
IMPORTANT!

Please ensure you use the cup point grub screws supplied with the lock to ensure secure fitment.

STEP 02

INTERNAL SIDE OF ESCAPE LOCK

- "Inside" Section of Spindle
- Spindle Stops
- Flat Face of Latch Bolt



EXTERNAL SIDE OF ESCAPE LOCK

- "Outside" Section of Spindle
- Spindle Release Button
- Profiled Face of Latch Bolt

ZDL7260ESC Series

EN179 Essential Product Information

Intended Use

Intended for use on single inward and outward opening fire escape doors.

Door Mass / Dimensions

2500mm high x 1300mm wide / 200Kg.

Max. door distortion to enable safe exit at all times

Max door distortion of 5mm allowed at all times to ensure safe exit.

Min. resistance of the door leaf against a pulling force of the recommended fixing screws

Max of 1000N pulling force achieved on the fixing screws provided under the abuse test.

Field of door application

Category B/D.

Fire / smoke door suitability

Suitable for use on fire doors.

Fire resistance time for each door configuration. (30/90 mins for single or double doors)

30 or 60 mins timber single door.

Type of door (timber, steel, others)

Single timber doors.

The safety features of this product are essential to its compliance with EN179:2008. No modifications of any kind, other than those described in these instructions, is permitted.

It is possible to render the escape lock inoperable from the inside when the key is left in the cylinder at a certain position. To ensure safe exit at all times the key must be fully thrown and withdraw from the cylinder. In the case of a thumbturn cylinder, this must be full rotated to its stop position.

Accessories suitable for use with the ZDL7260ESC Series:

If the ZDL7260ESC Series Lock is being used for escape/exit door purposes, one of the following lever sets must be used in order to comply with the requirements of EN179:2008.

Brass Levers

ZB030

Description

RTD lever c/w screw on rose - 19mm dia.

Aluminium Levers

ZAA030SA
ZAA080SA

RTD lever c/w screw on rose - 19mm dia.
RTD lever c/w screw on rose - 22mm dia.

Stainless steel Levers - 201

ZCS2030SS
ZCS2080SS

RTD lever c/w push on rose - 19mm dia.
RTD lever c/w push on rose - 22mm dia.

Stainless steel Levers - 304

ZCS030SS
ZCS080SS
ZPS030SS
ZPS080SS
ZG4S030

RTD lever c/w push on rose - 19mm dia.
RTD lever c/w push on rose - 22mm dia.
RTD lever c/w screw on rose - 19mm dia.
RTD lever c/w screw on rose - 22mm dia.
RTD lever c/w cast push on rose - 19mm dia.

VIER VS030
VIER VS070
VIER VS080

RTD lever c/w 4mm push on rose - 19mm dia.
RTD lever c/w 4mm push on rose - 19mm dia.
RTD lever c/w 4mm push on rose - 21mm dia.