

ED22M Exit Device - Installation Instructions

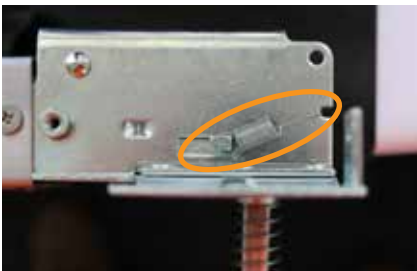
Step 1 - Door Preparation (Lock)

- Using a measuring device measure from finished floor level and mark the required installation centre line on door.
- Note: Refer to local building code authority for correct heights for door control devices.
- Using the template supplied within the mortice lock packaging, Mark and cut out door edge as per mortice lock installation template. Ensure to align centre line of spindle hole with installation height centre line already marked on door. "Do not" install mortice at this stage.
- Locate relevant ED22M installation template according to external trim. Align centre line mark on door with centre line mark (⌀) on template (ensuring to use correct backset fold lines).
- Mark/drill all holes according to template.

Step 2 - Cut Exit device to Length

- Measure minimum door opening (including any door seals where fitted). Add 75mm to the required backset and deduct this from overall door opening measurement. This is the overall required length of exit device.
- Eg. A 900mm door opening and a 60mm backset
 $900 - (60 + 75) = 765\text{mm}$.
- Measure from head along length of device and mark the required length on the exit device. Using a Hacksaw or cut off saw, cut through at mark. Minimum length 645mm (If cylinder Dogging 685 minimum length).

Step 3 - Change handing (If required)



Carefully remove spring and re-install on opposite side.



Loosen both screws inside assembly.



Unscrew drive pin with flat blade screw driver and re-insert in opposite hole.



Re-tighten both screws inside assembly.



Loosen screw and rotate spindle 45° to ensure the spindle is square. If spindle is diagonal then rotate in opposite direction. Re-tighten screw.

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Step 4 - Install Mortice lock

- Set locking function on lock according to handing of door. (Eg. External locked and internal unlocked). Even if no external trim it is best to ensure the external function is locked.
- Note: Ensure mortice lock function is set to always free (Unlocked) on inside/egress side.
- Install mortice lock with fixings according to mortice lock instructions.

Step 5 - Install Mounting plate

- Install mounting plate to door according to Fixing detail outlined on template. (Eg Thru fixing only. No external trim)

Step 6 - Secure Exit device to mounting plate

- Holding exit device in position. Ensure spindle is engaged with lock.
- Install with 4 x M5 x 8mm Pan head screws.

Step 7 - Install end cap bracket and end cap

- Ensure exit device is level.
- Holding end cap bracket in position mark fixing positions with pencil.
- Drill holes with 4mm pilot hole thru door.
- Enlarge holes using a 9mm Dia. Drill bit ensuring to drill from each side of door to prevent damage.
- Install end cap bracket to door according to fixing detail on template.
- Install end cap with 2 x M4 countersunk fixing screws supplied.

Kaba Australia

Tel: 1300 728 088
Fax: 1300 728 708
www.kaba.com.au

Kaba New Zealand

Tel: 0508 727 072
Fax: 0508 525 052
www.kaba.co.nz

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Step 3 - Change handing (If required)

- Follow steps as per diagrams below to change the handing if required.

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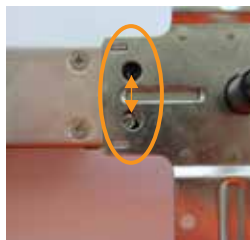
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