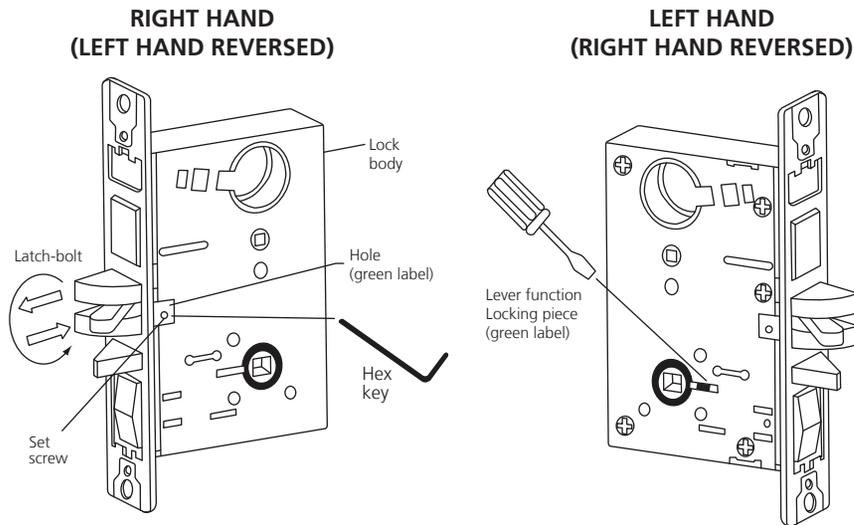


L. Handing Change (if required and handle is NOT HANDED)

If it is necessary to change handing, follow the instructions below:

1. Use hex key to unfasten the set-screw that secures the latch bolt (green label).
2. Pull latch bolt out from the front of the lock body (dislodge using a flat screwdriver if required).
3. Rotate latch bolt 180° to proper handing and push latch bolt back into lock body.
4. Securely tighten the set-screw and apply recommended thread-locker (Loctite 242).
5. Use blade of screwdriver to turn internal locking piece (green label) forward twice towards the front face of lock body. Ensure interior lever unlocks door at all times.
6. Handing is now completely reversed.



M. Converting to Out-swing or LHR and RHR (if required)

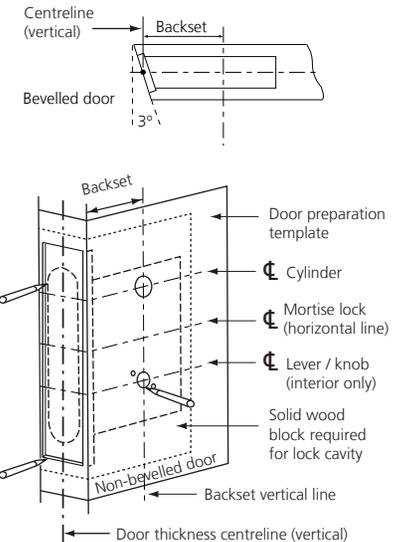
1. For RH out-swing or RHR door application use a LH mortise lock and reverse lever function so that inside lever unlocks door at all times. Then use blade of screwdriver to turn internal locking piece forward twice towards the front face of lock case. (See section "L" step #5).
2. For LH out-swing or LHR door application use a RH mortise lock and reverse lever function so that inside lever unlocks door at all times. Then use blade of screwdriver to turn internal locking piece forward twice towards the front face of lock case. (See section "L" step #5).

Installation Requirements

1. Door must provide an area of solid material at least 5 x 10" (127 x 254 mm) in the location where the lock cavity will be made. Without adequate support, the installation will warp or bow the door surface and prevent the lock from functioning properly – see installation template for more details.
2. Confirm door thickness. If other than 1 3/4" (44.5 mm) please consult your hardware supplier.
3. Verify mortise lock handing and function prior to initiating installation. If required, reverse handing as per instructions in steps "L" or "M" shown on page 4.
4. Confirm scale on door preparation template and read the instructions carefully for proper door preparation and mortise lock installation.
5. Do not over-tighten screws, excessive tightening may affect the installation.
6. Included templates are meant for wood doors with wood or metal frames. For metal doors please consult your hardware supplier.
7. Position of cutouts and holes on door should be precise as indicated on the installation instructions template.
8. Door preparation documents for wood or hollow metal doors are available upon request.

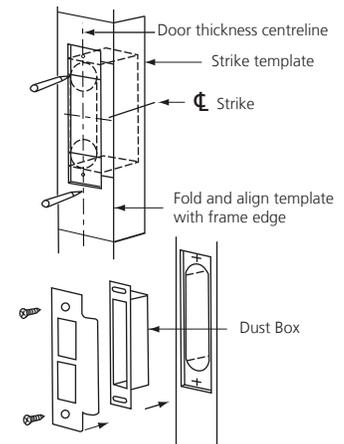
A. Door Preparation

1. It is recommended that door preparation is done at the door fabrication shop.
2. Draw backset vertical line on the door:
 - a) On non-bevelled doors the backset is measured from the edge of door.
 - b) On bevelled doors the backset is indicated in the illustration.
3. Measure and draw the vertical and horizontal lines (mortise lock centreline).
4. Apply the mortise lock door preparation template on the door:
 - a) Align the backset vertical line on the door preparation template with the backset vertical line on the door, and the mortise lock centreline on the mortise lock door preparation template with the horizontal line on door.
 - b) Ensure that the door thickness centreline on the mortise lock door preparation template aligns with the door thickness centreline (vertical) drawn on door edge.
5. Check door preparation chart supplied with the mortise lock door preparation template and mark ONLY the holes for the required function and handing.
6. Drill the appropriate holes on the door.
7. Mortise door edge according to mortise lock door preparation template and remove debris from mortised cavity.



B. Door Frame Preparation

1. Strike horizontal centerline must be within the tolerances with respect to the lock body centerline as shown on the template.
2. Mark the strike centreline (horizontal) and door thickness centreline (vertical) on frame as indicated.
3. Apply the strike template on frame aligning the strike centrelines and door thickness centrelines.
4. Make the required cut-out and holes on the frame.

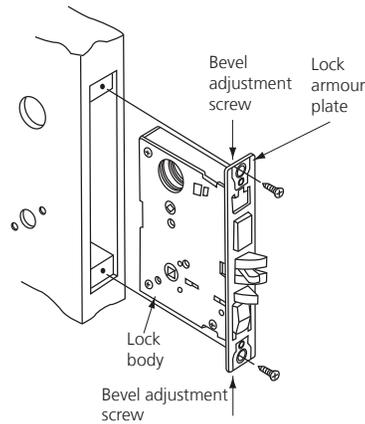


C. Strike Installation

Install strike and dust box (if required) into frame and secure in place with supplied fasteners. Verify that deadbolt fits freely in the strike opening AFTER Step D.

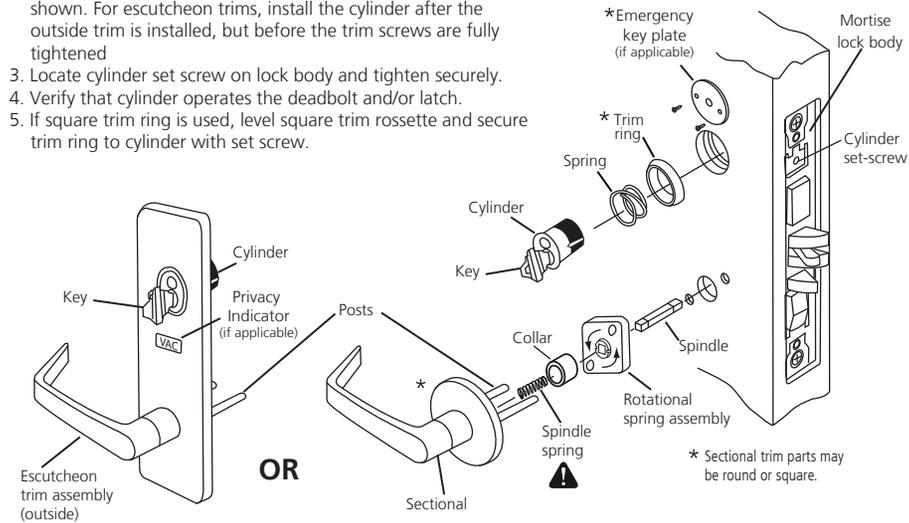
D. Mortise Lock Body Installation

1. Verify mortise lock handing prior to installing. If required reverse handing as per step "L" or "M"
2. Ensure the lock body armor plate is flat and straight, if not, plate must be made flat.
3. When installed on bevelled doors, loosen the bevel adjustment screws on the top and bottom of the lock body and adjust the lock face to match the door bevel. Re-tighten the screws.
4. Insert lock body into mortised cavity and secure with supplied screws.
5. If cylinder will be used, tighten screws AFTER cylinder has been installed.
6. Ensure the latch and deadbolt engage properly with the strike openings.



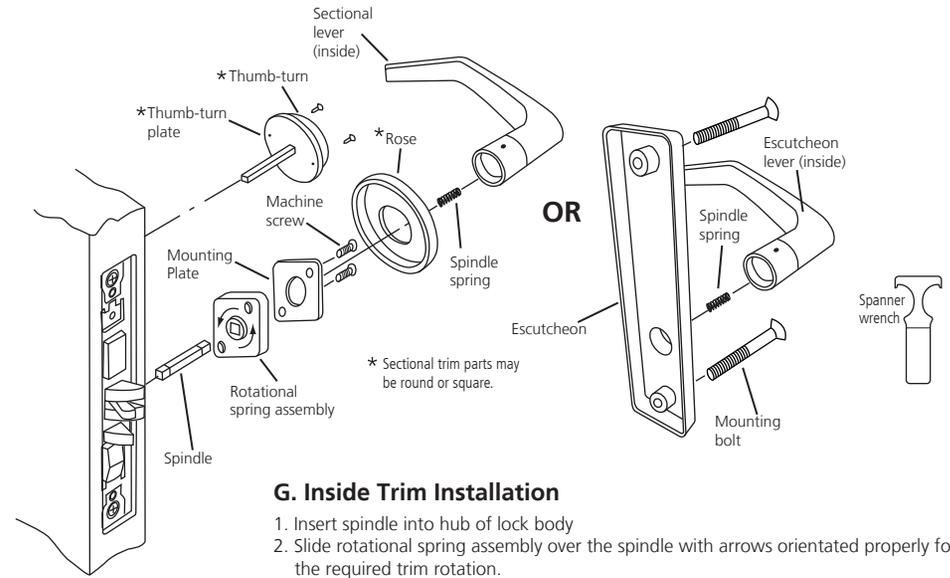
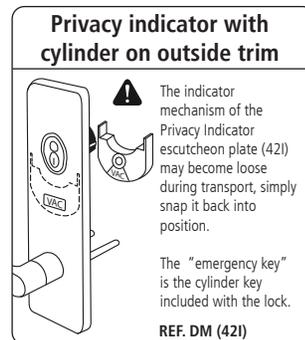
E. Outside Cylinder Installation (if applicable)

1. Place spring and trim ring on cylinder (sectional trim only).
2. Thread cylinder into the lock body until cylinder is flush with trim ring and cylinder keyway is in vertical orientation as shown. For escutcheon trims, install the cylinder after the outside trim is installed, but before the trim screws are fully tightened.
3. Locate cylinder set screw on lock body and tighten securely.
4. Verify that cylinder operates the deadbolt and/or latch.
5. If square trim ring is used, level square trim rosette and secure trim ring to cylinder with set screw.



F. Outside Trim Installation

1. Insert spindle spring into outside sectional or escutcheon trim assembly.
2. Place collar and rotational spring assembly onto outside sectional or escutcheon trim assembly. Ensure arrows on rotational spring assembly are oriented in the proper direction as per the required trim rotation.
3. Insert spindle into outside sectional or escutcheon trim assembly. Using the post holes on door and lock body as a guide, insert the outside sectional or escutcheon trim assembly while maintaining lever in the horizontal position.



G. Inside Trim Installation

1. Insert spindle into hub of lock body
2. Slide rotational spring assembly over the spindle with arrows orientated properly for the required trim rotation.
3. Place mounting plate over the rotational spring assembly and secure assembly to outside trim posts with two supplied machine screws.
4. Place rose or escutcheon over secured assembly
5. Ensure escutcheon or square rosette are level.
6. Secure escutcheon (if applicable) with supplied mounting bolts.
7. Insert the spindle spring in the lever (or knob) and thread lever (or knob) onto the mounting plate. Tighten with spanner wrench tool.

H. Inside Thumb-turn Installation (sectional only)

1. Insert thumb-turn spindle into the lock's thumb-turn hole. Center thumb-turn plate to the lock's hole and verify function. Mark mounting holes positions on the door.
2. Drill pilot holes and fasten plate onto door with 2 supplied screws (if applicable).
Verify function again, if thumb-turn does not turn easily, verify installation. Ensure tightening of screws does not affect the deadbolt operation using the cylinder key.

I. Outside Emergency Key Plate Installation (if applicable)

Install emergency key plate (sectional trim, function 42 only) with supplied fasteners.

J. Faceplate Installation

1. Before installing the faceplate:
 - a) Ensure faceplate is flat and tighten the mortise lock body mounting screws
 - b) Ensure cylinder (if applicable) is secured in the lock body
 - c) Verify the mortise lock operation and function.
2. Install faceplate onto lock body using the 2 supplied machine screws.

K. Mortise Lock Testing

1. Verify the mortise lock function by operating the inside and exterior levers (or knobs), the cylinder, thumb-piece and/or emergency key, rocker, as applicable.
2. Ensure mortise lock performs according to its intended function.